

FIG. 1

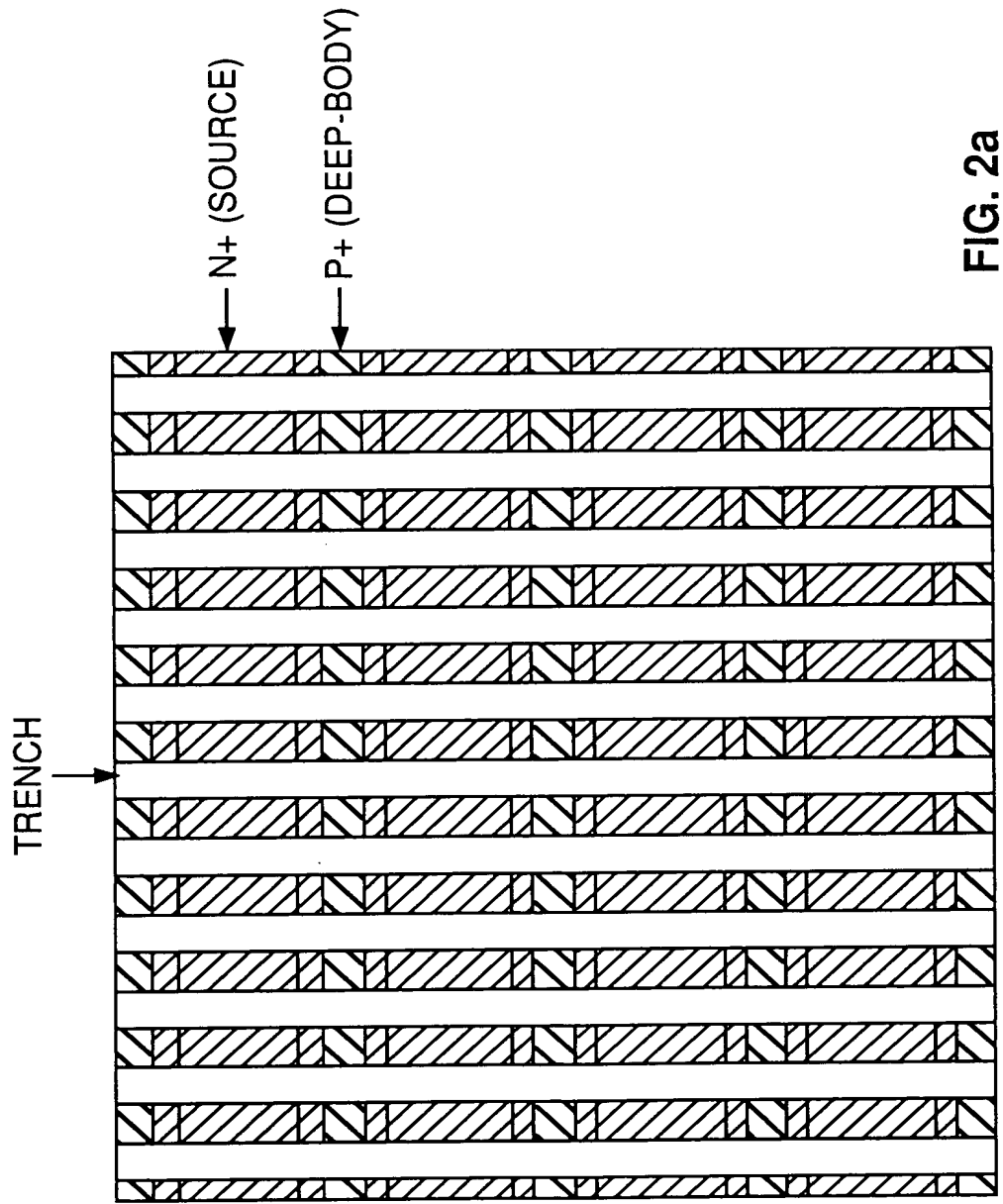


FIG. 2a

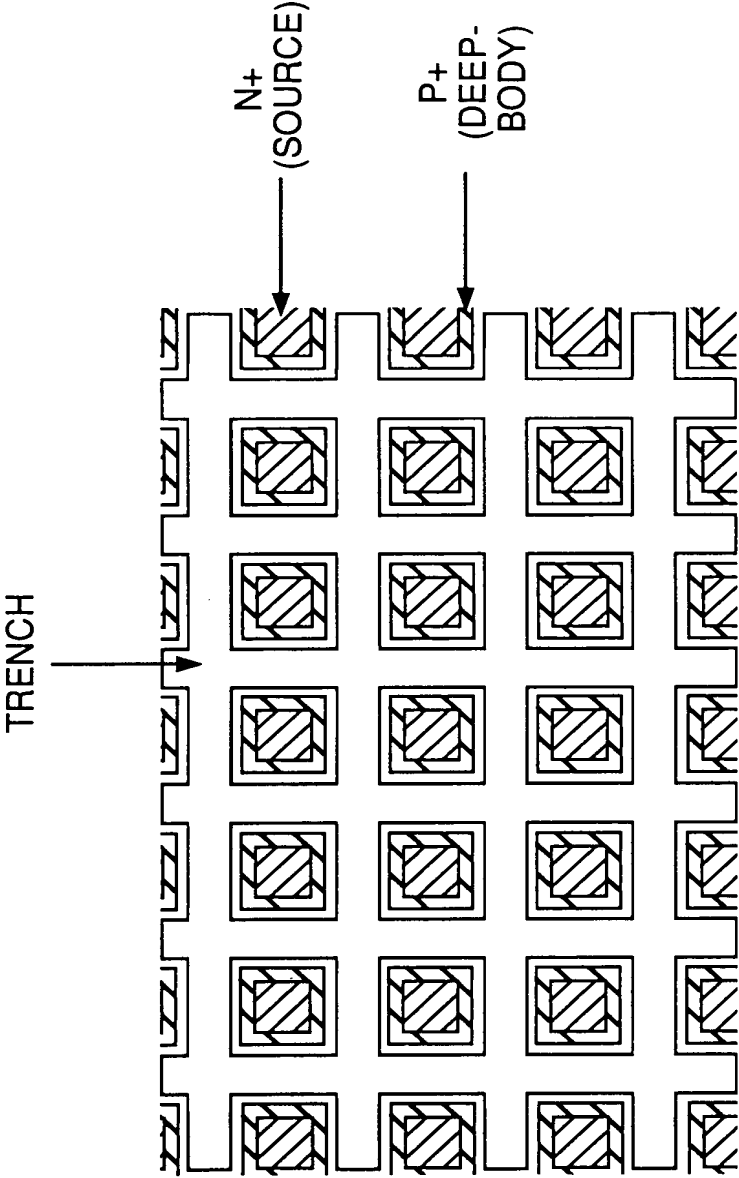


FIG. 2b

VERT/DIV
10 mA
CURSOR
0.1 mA
HORIZ/DIV
5 V
CURSOR
-0.45 V
PER STEP
500 mV
OFFSET
0 mV
B or gm/DIV
20mS
AUX SUPPLY
0.00V

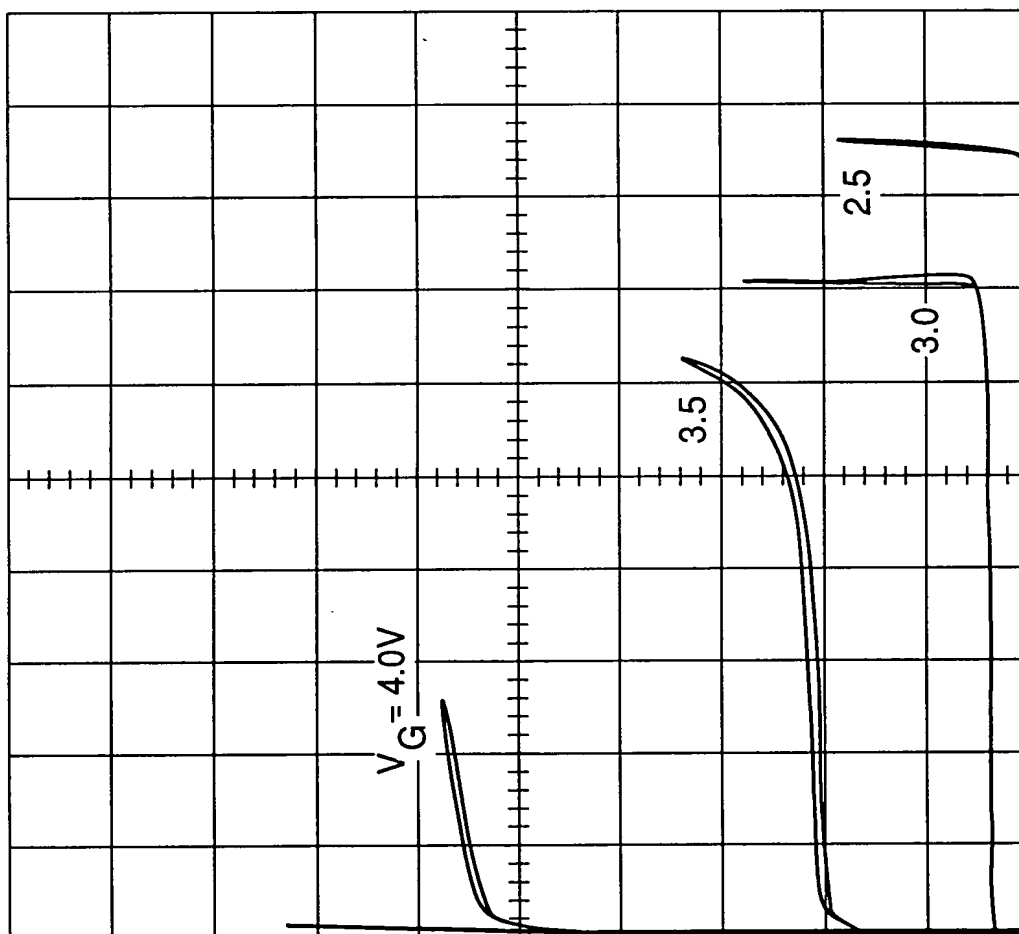
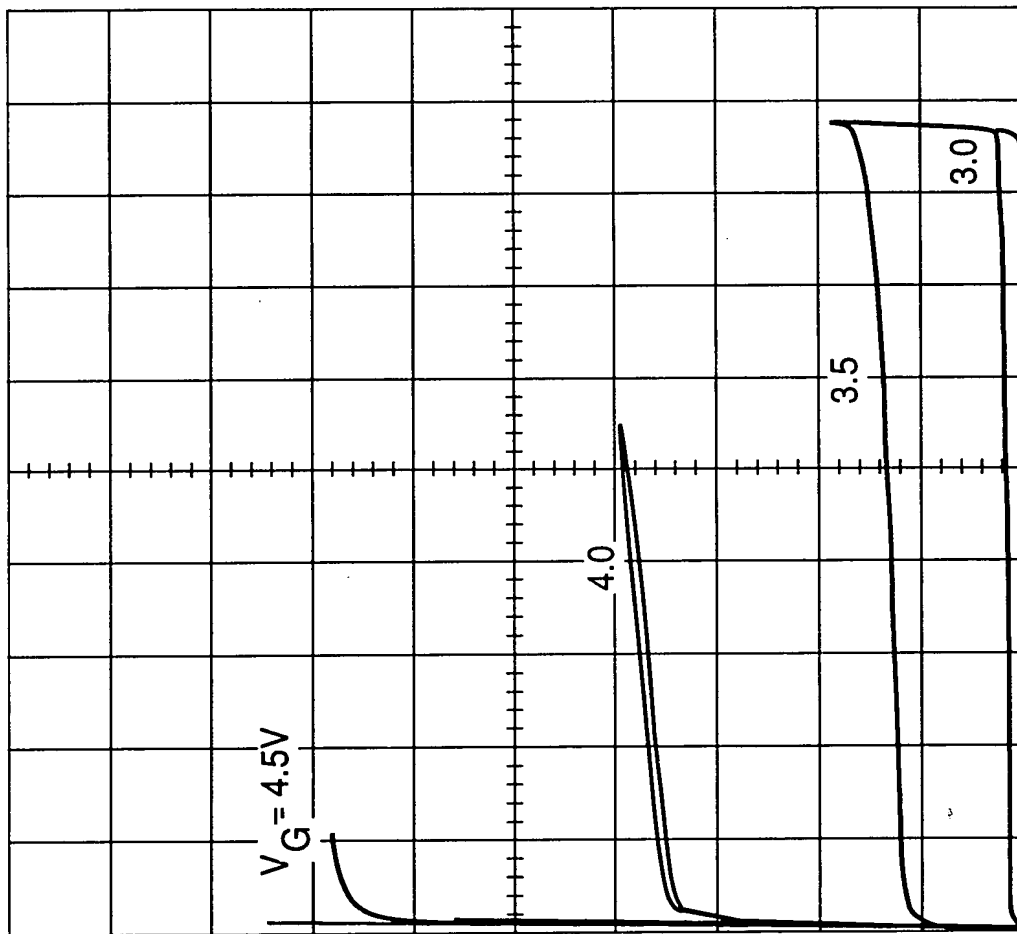


FIG. 3a

A2.4/QD5.3

VERT/DIV
10 mA
CURSOR
0.1 mA
HORIZ/DIV
5 V
CURSOR
-0.15 V
PER STEP
500 mV
OFFSET
0 mV
B or gm/DIV
20mS
AUX SUPPLY
0.00V



A2.1/QD5.3

FIG. 3b

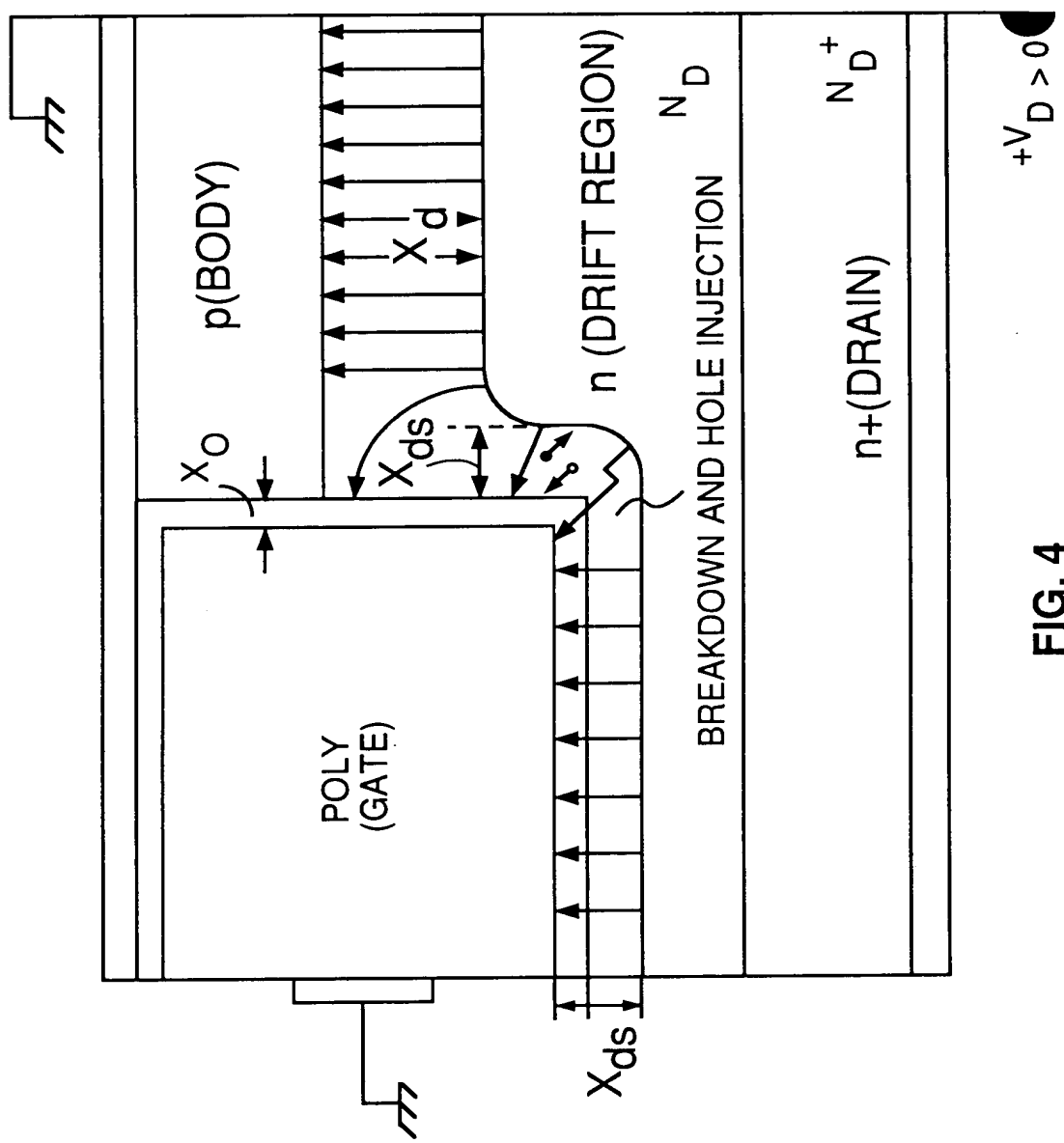


FIG. 4

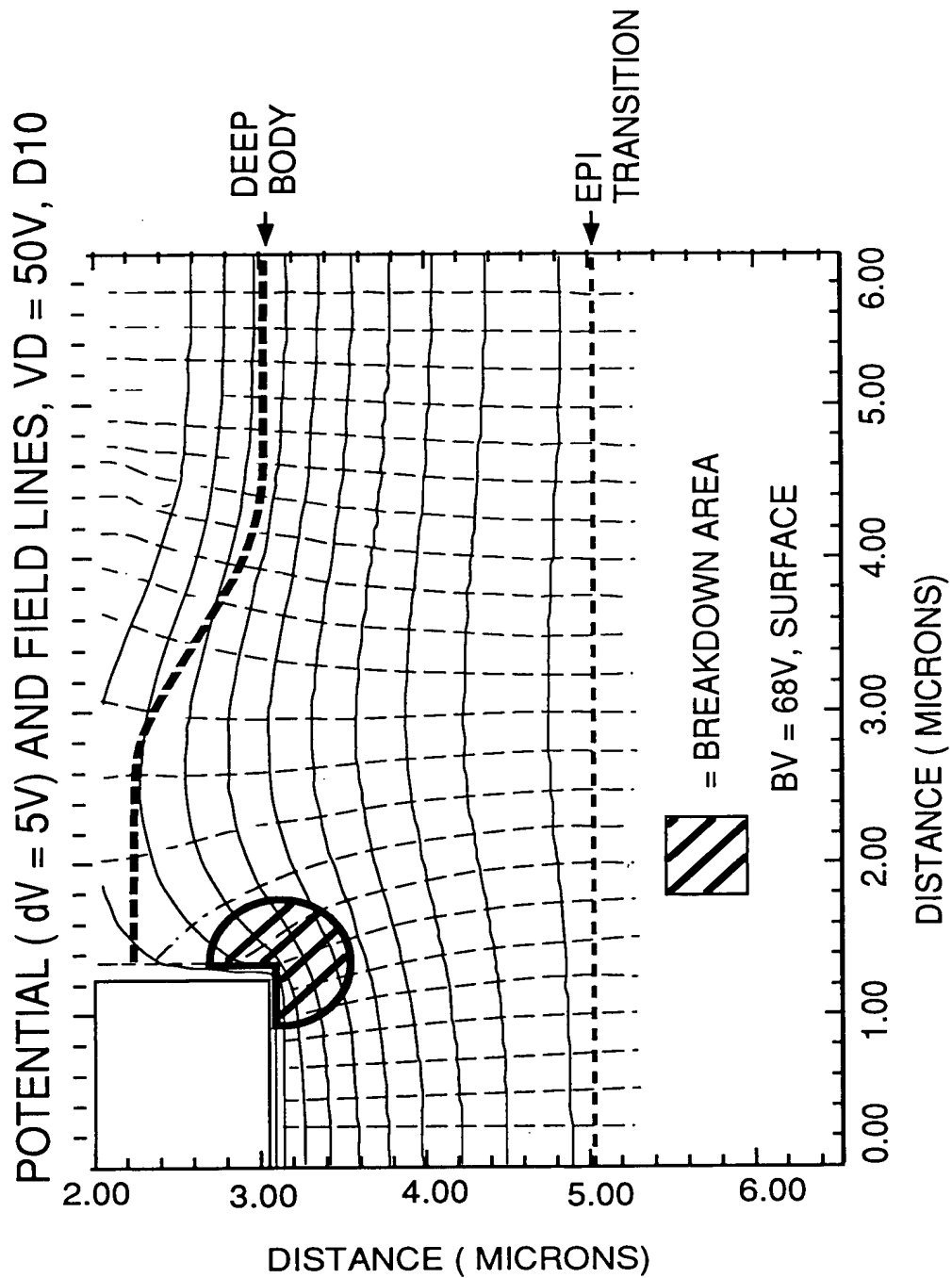
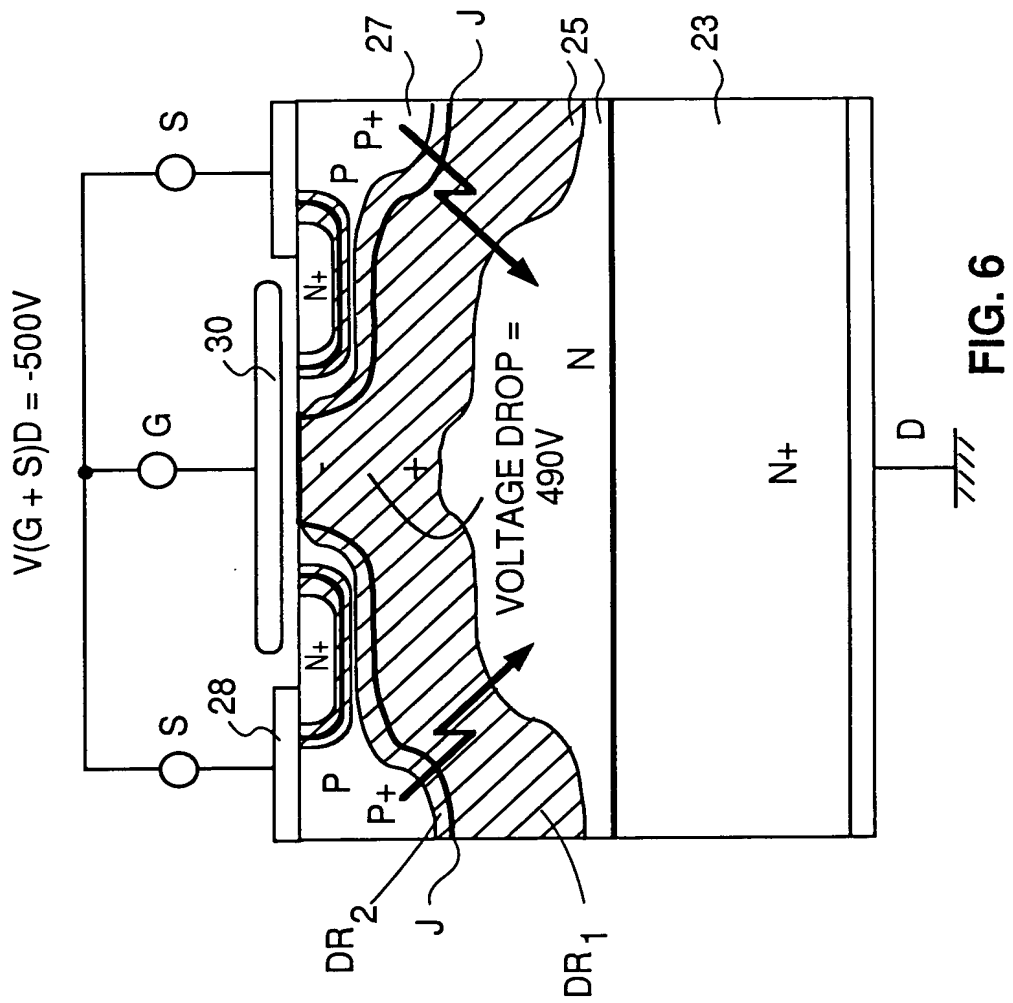


FIG. 5



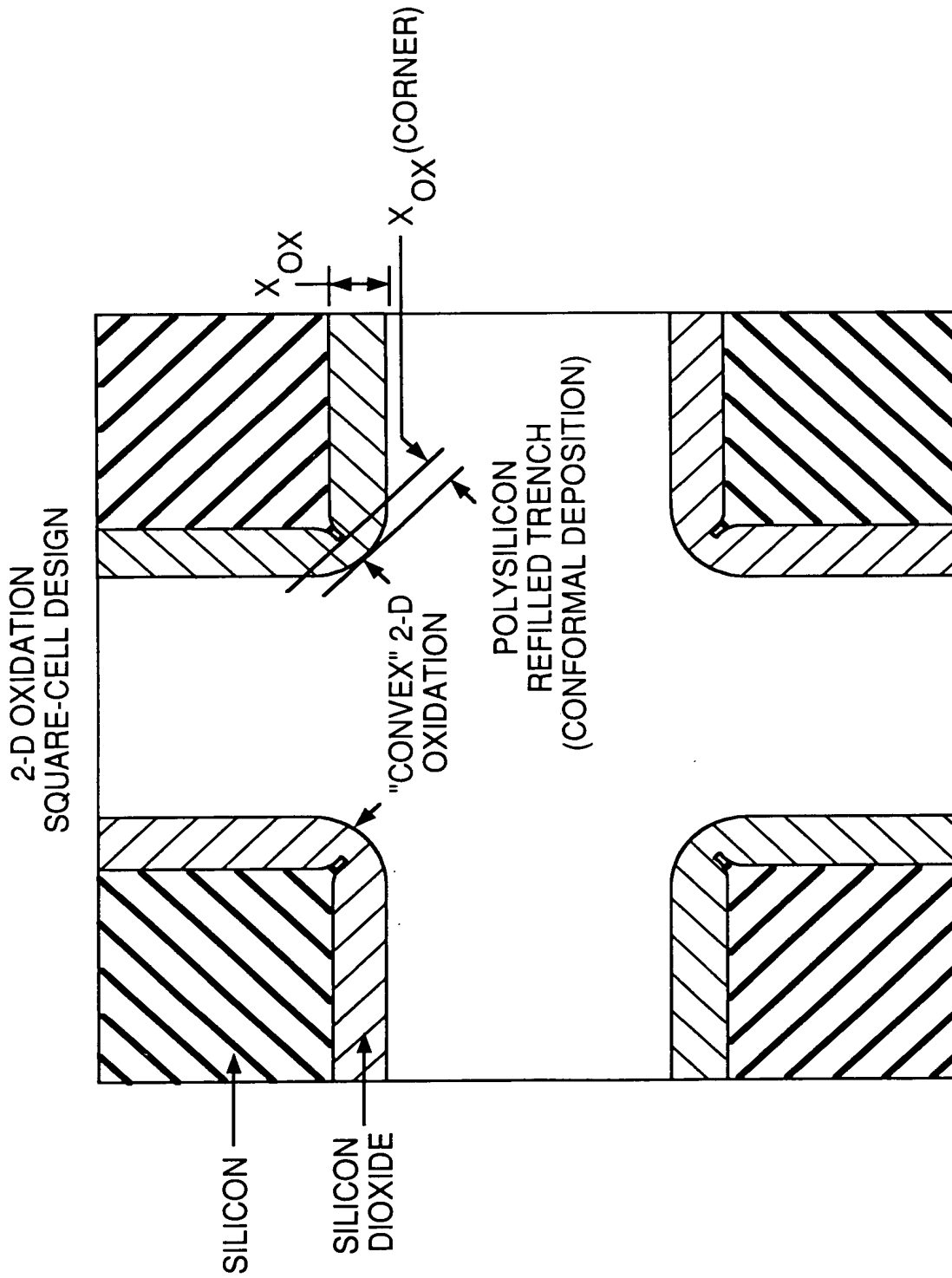


FIG. 7

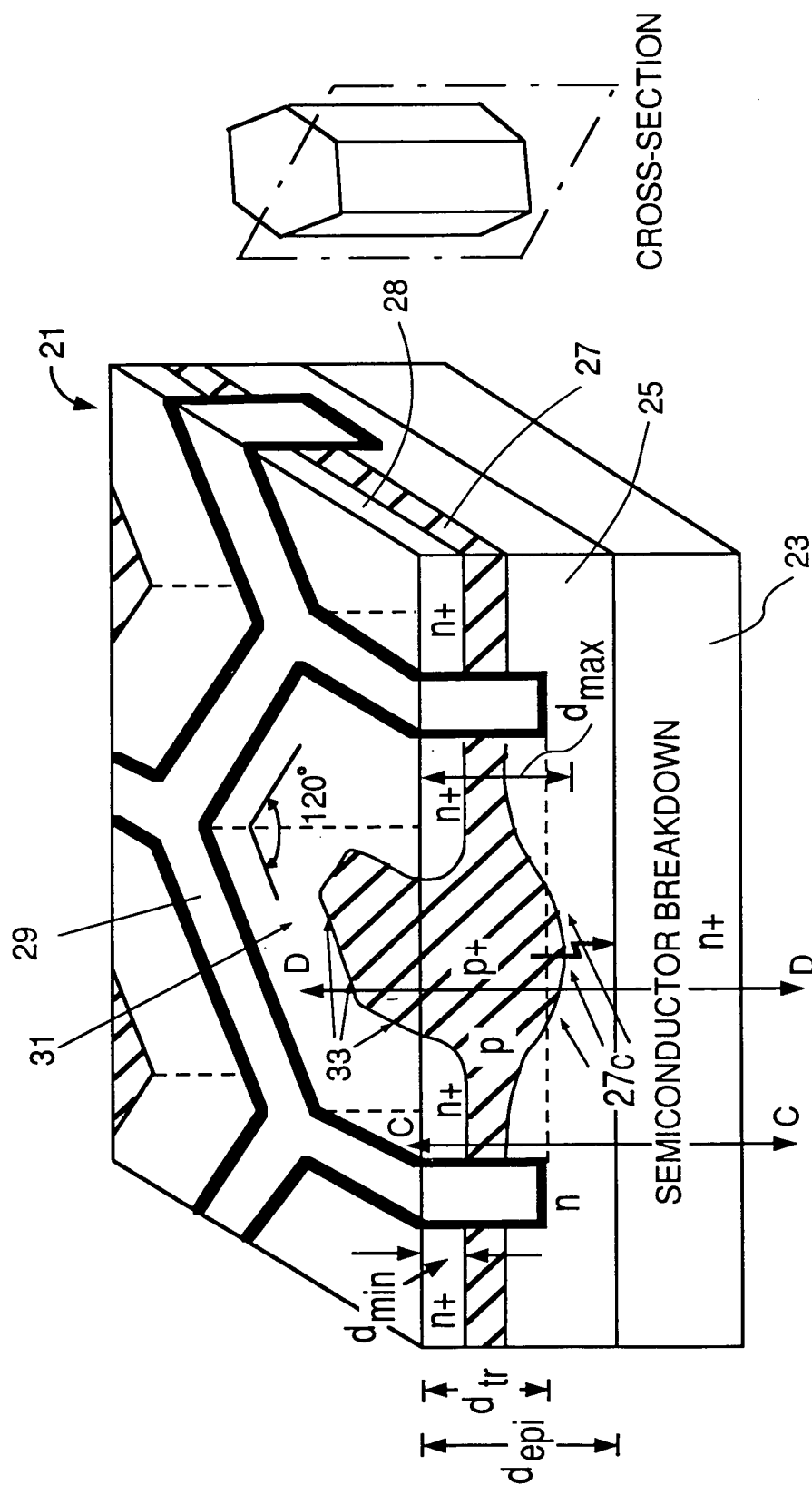


FIG. 8

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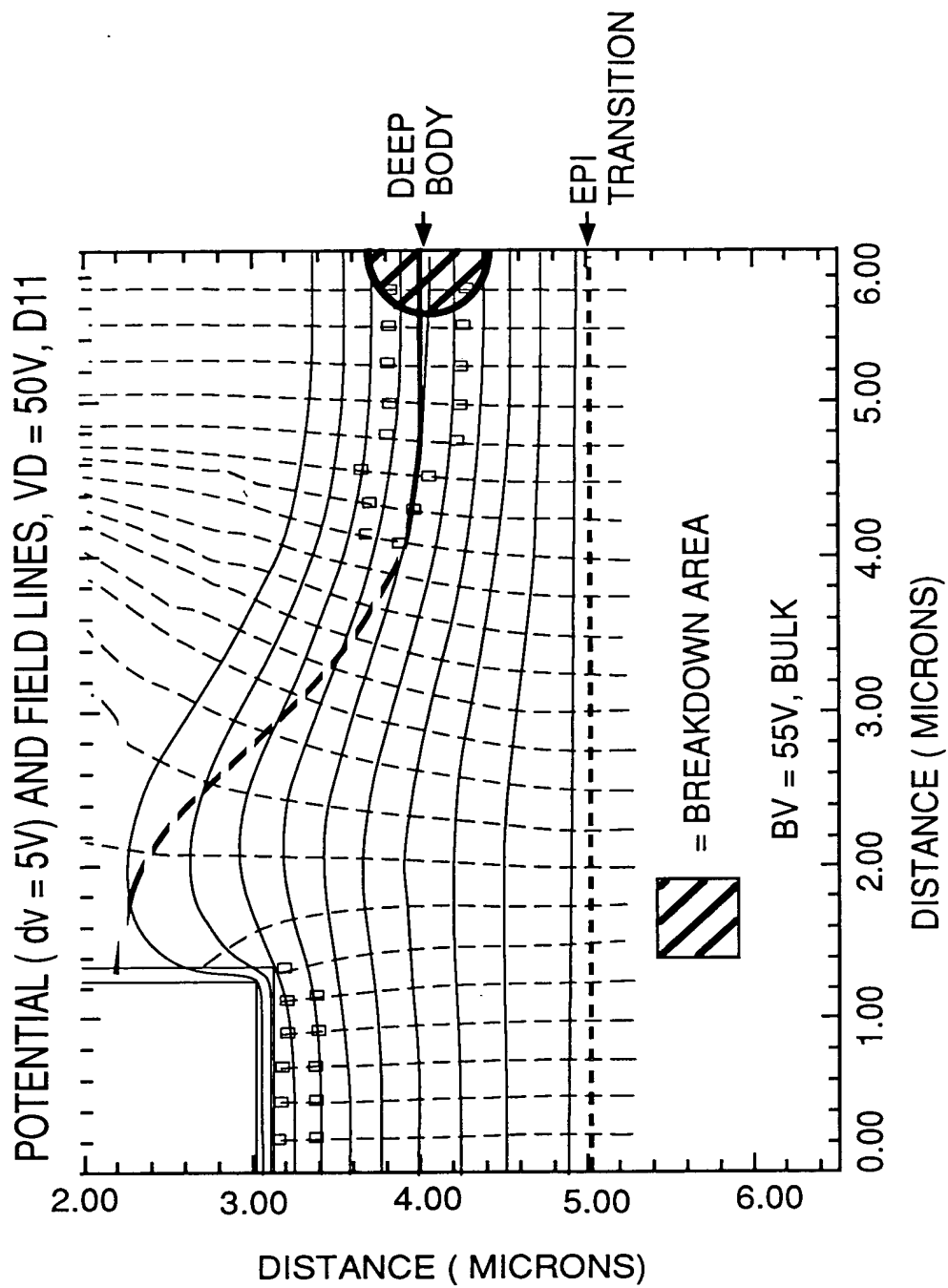


FIG. 9

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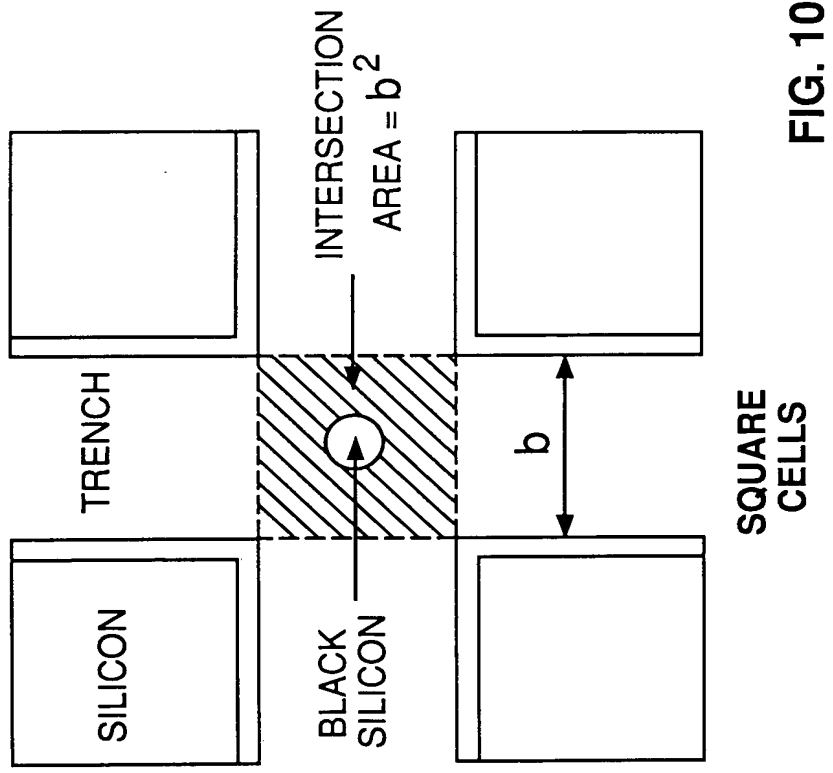
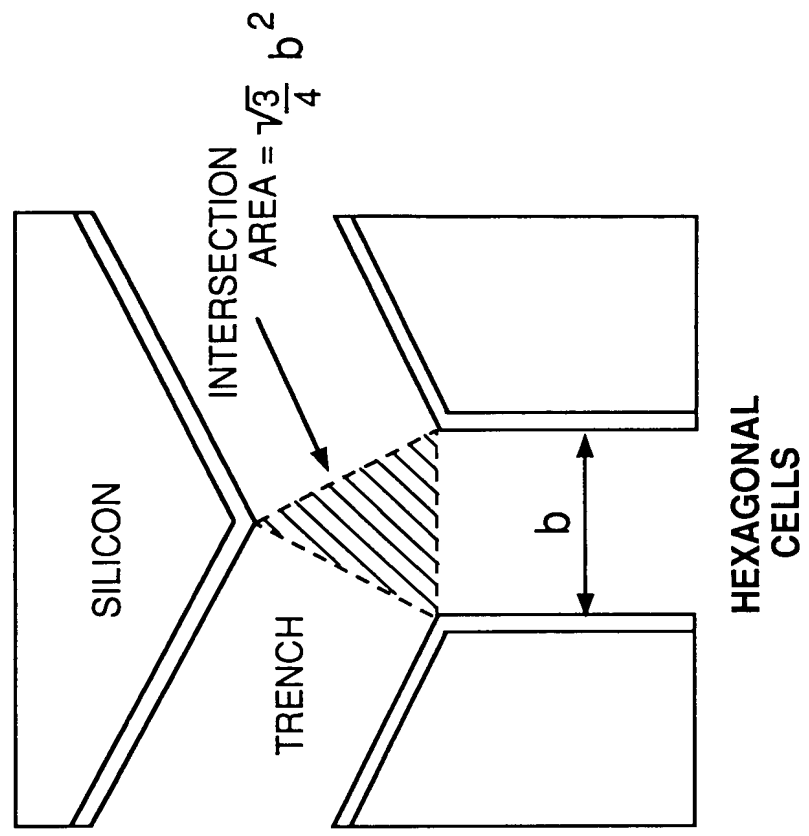
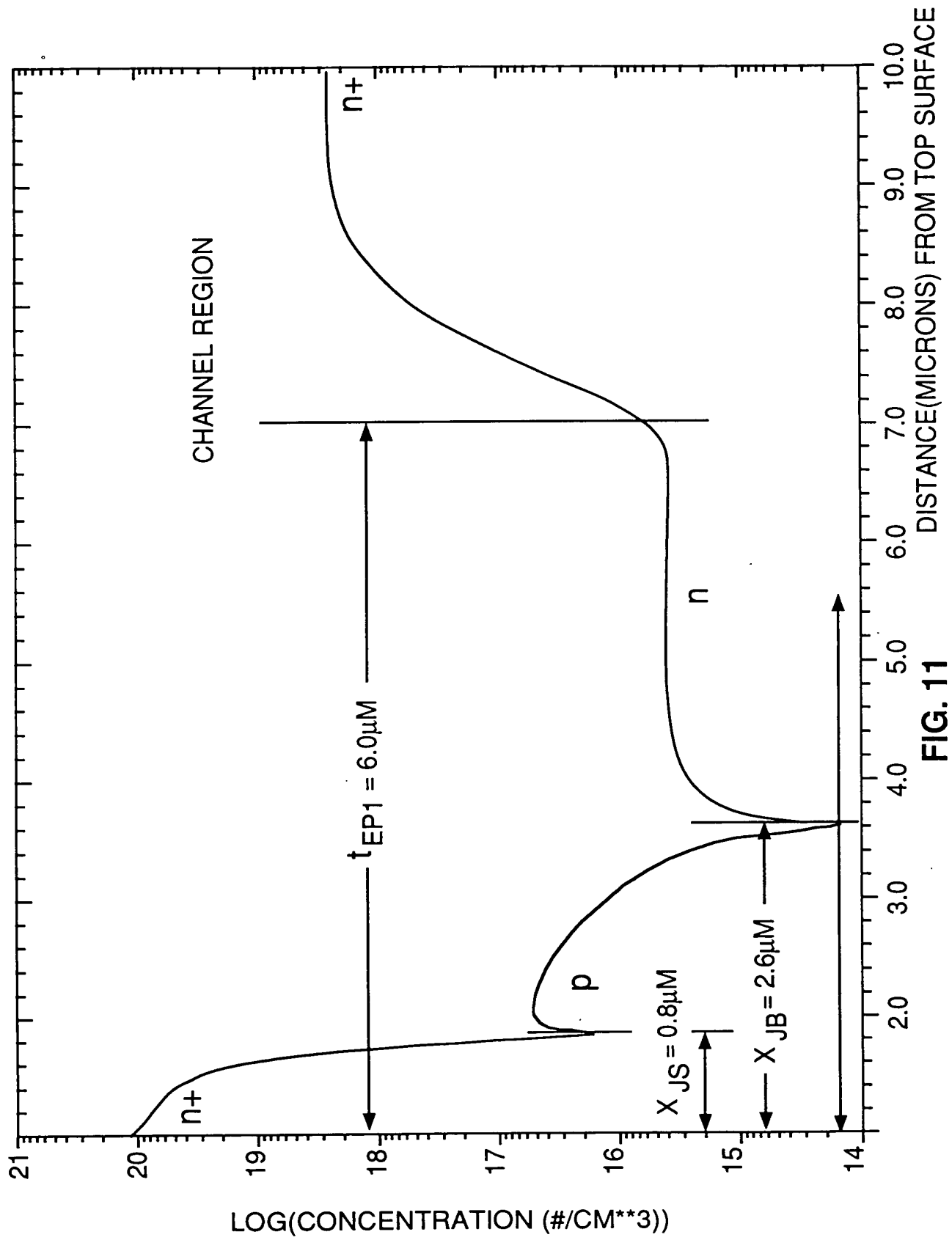
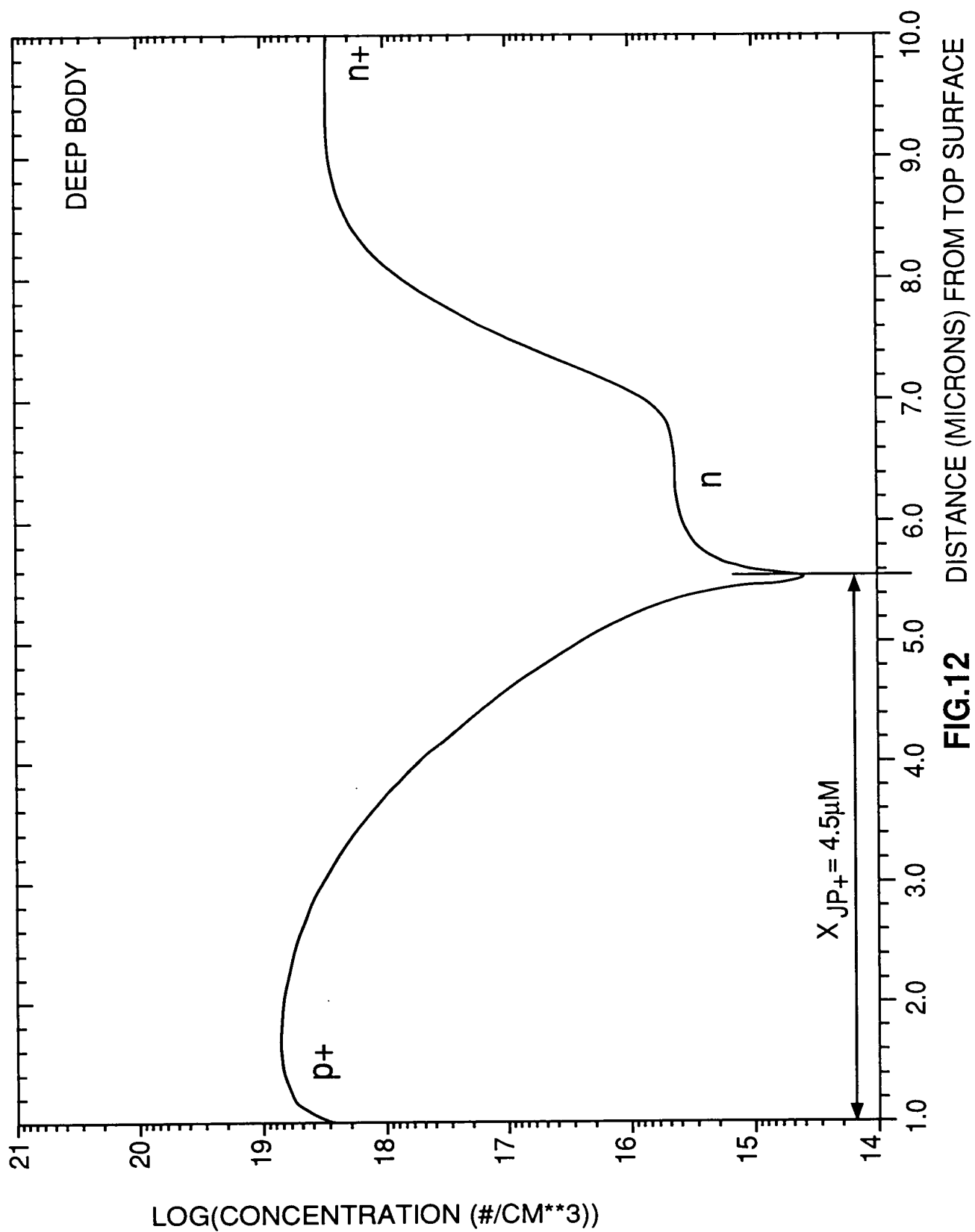


FIG. 10



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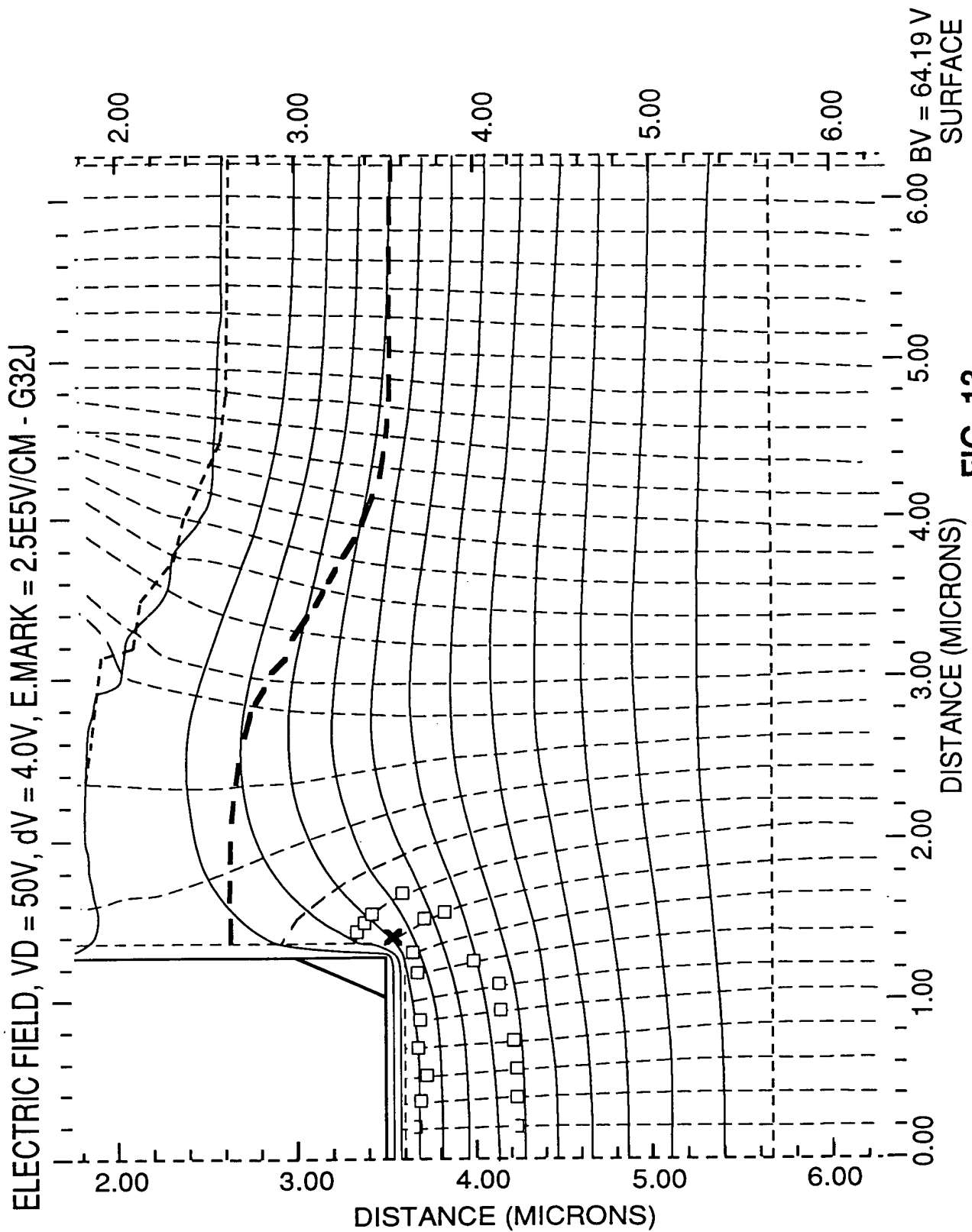


FIG. 13

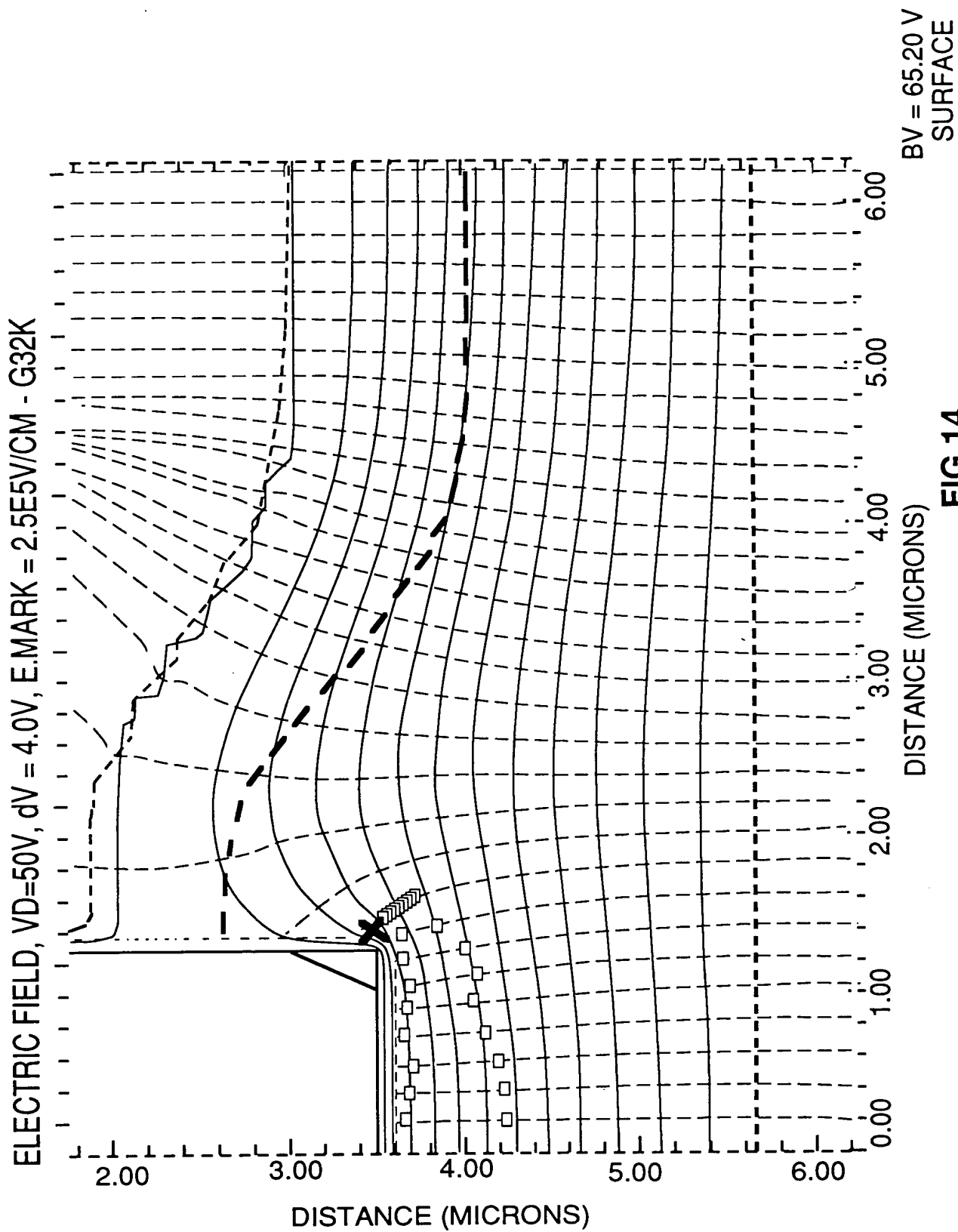


FIG.14

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ELECTRIC FIELD, $V_D=50V$, $dV=4.0V$, $E.MARK=2.5E5V/CM$ - G32

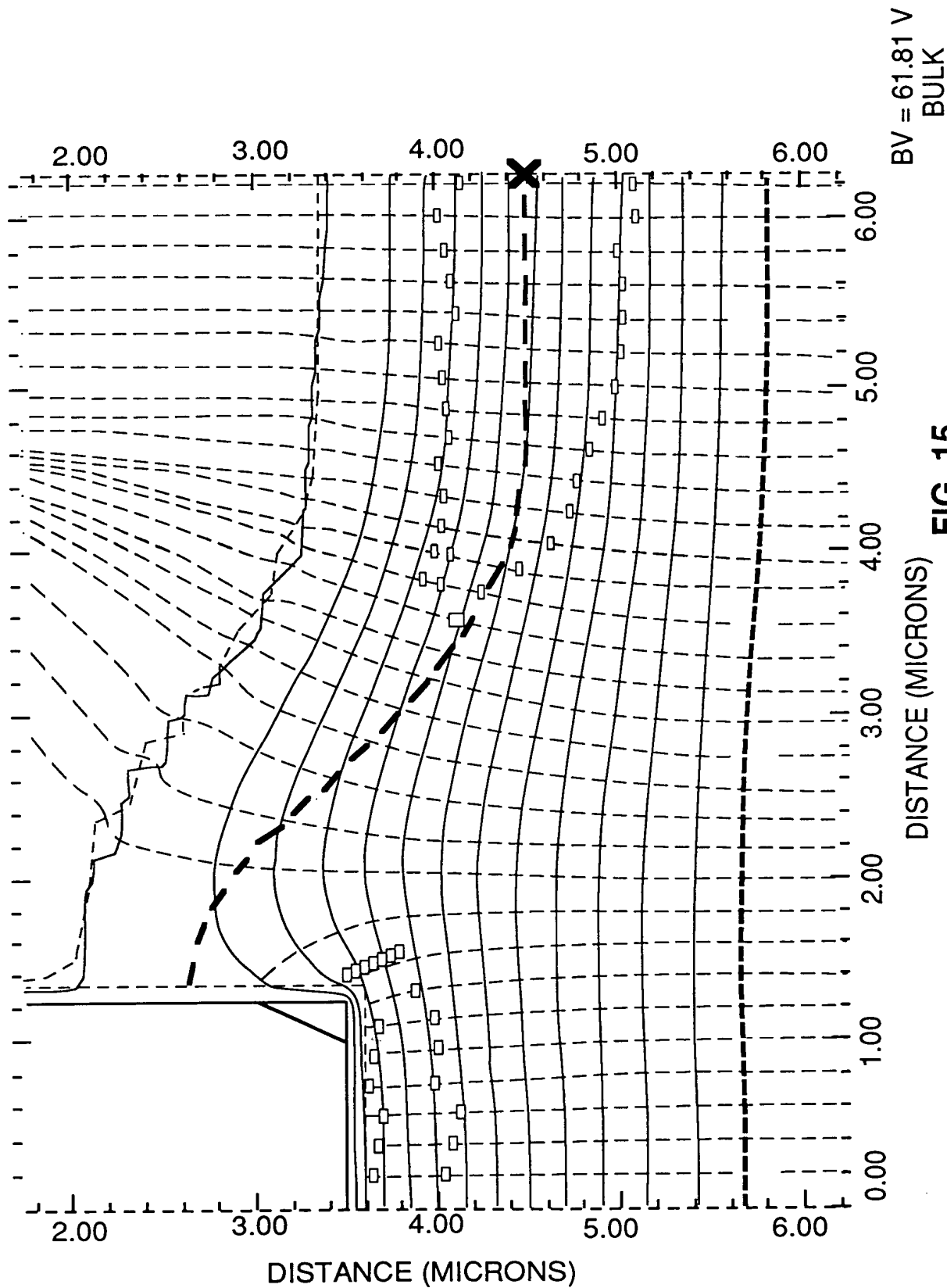
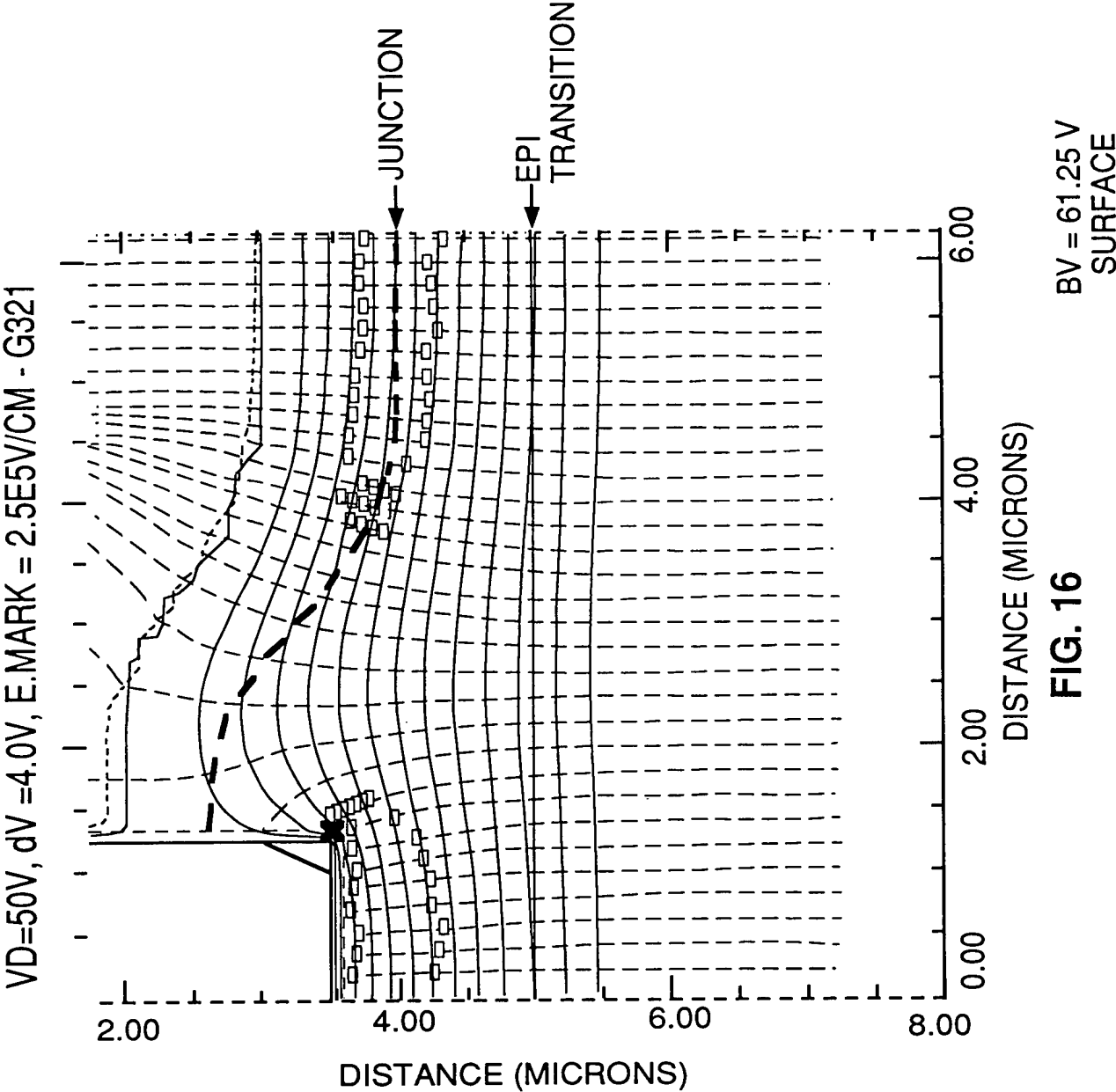
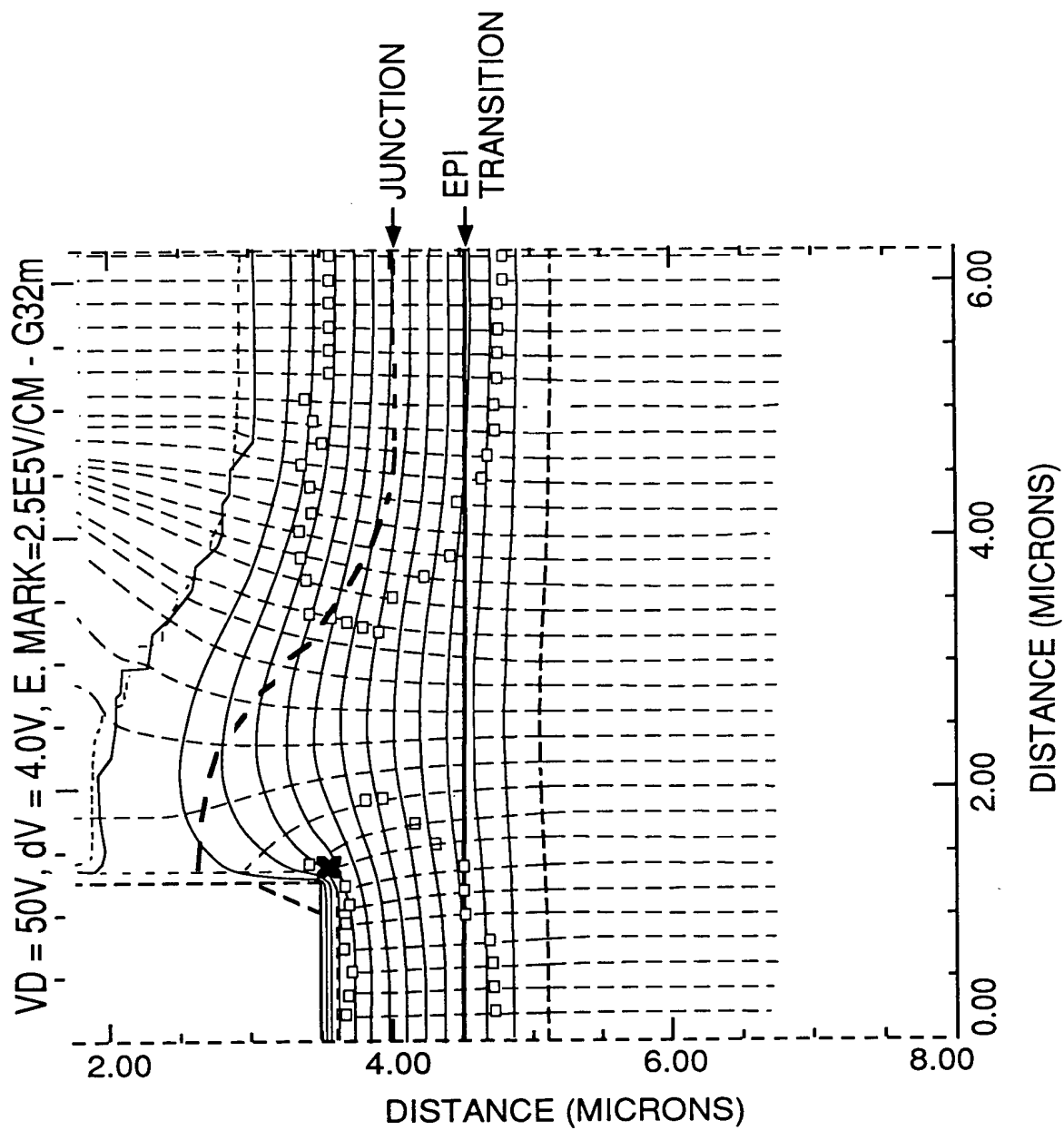


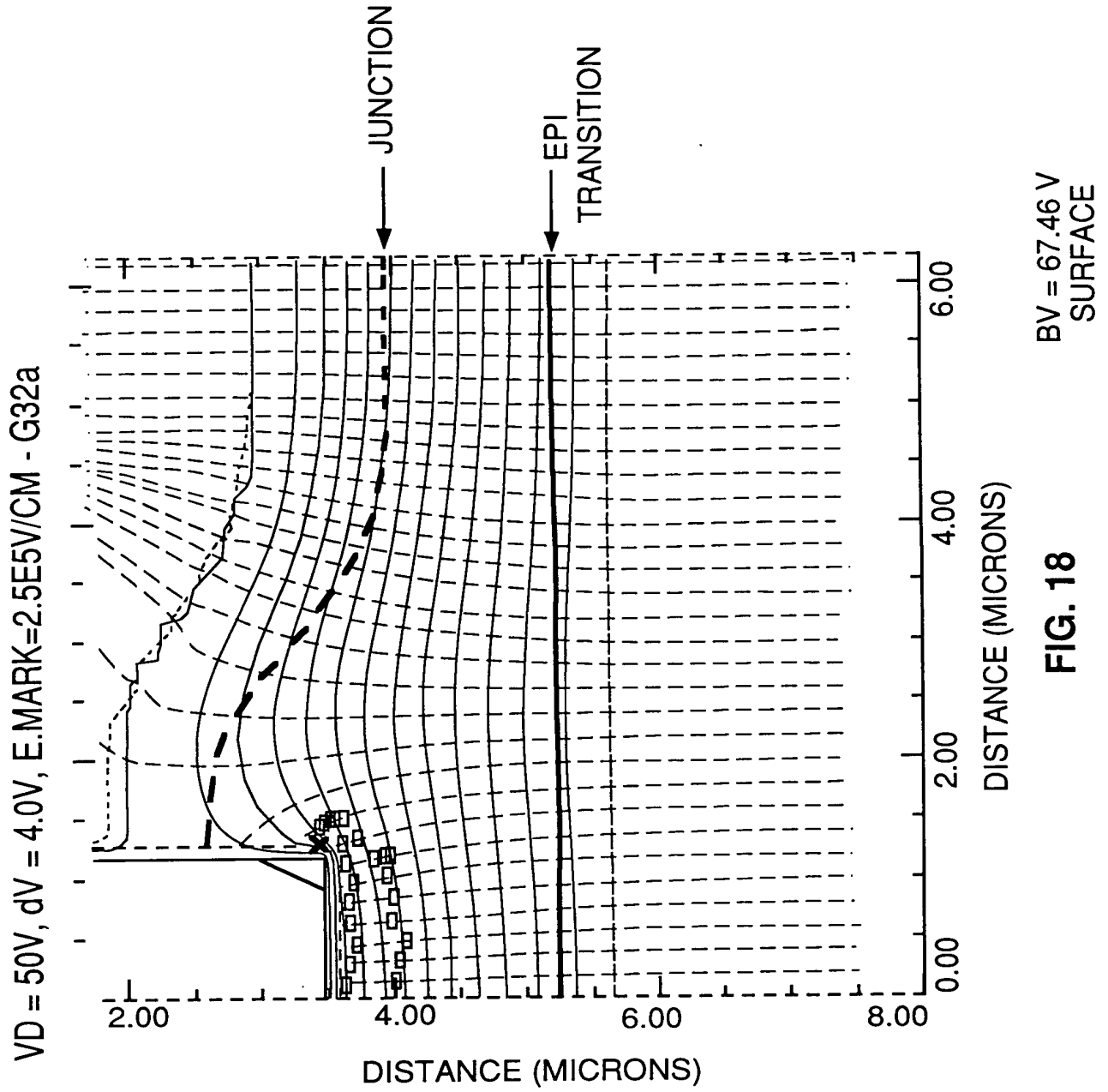
FIG. 15

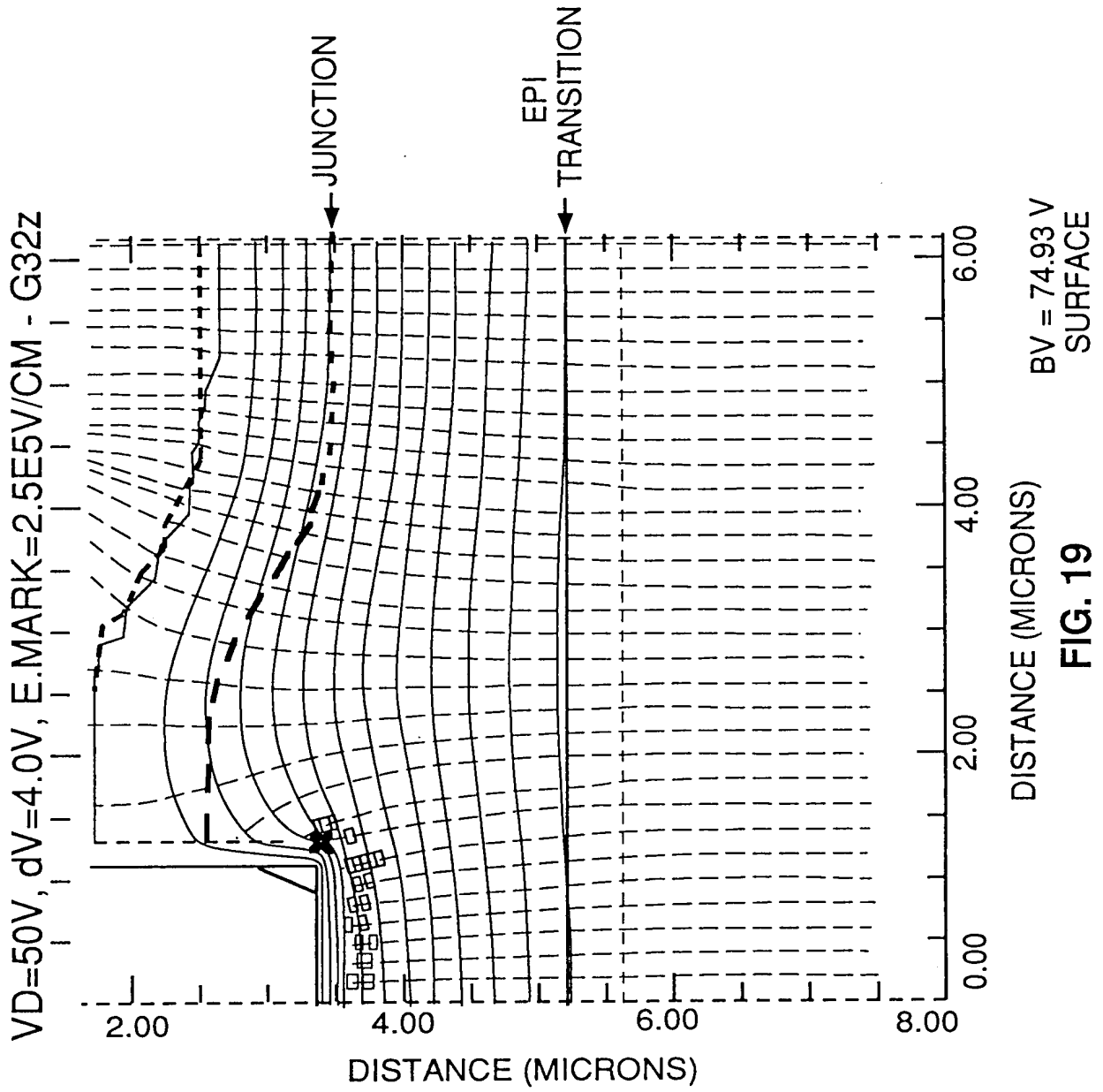


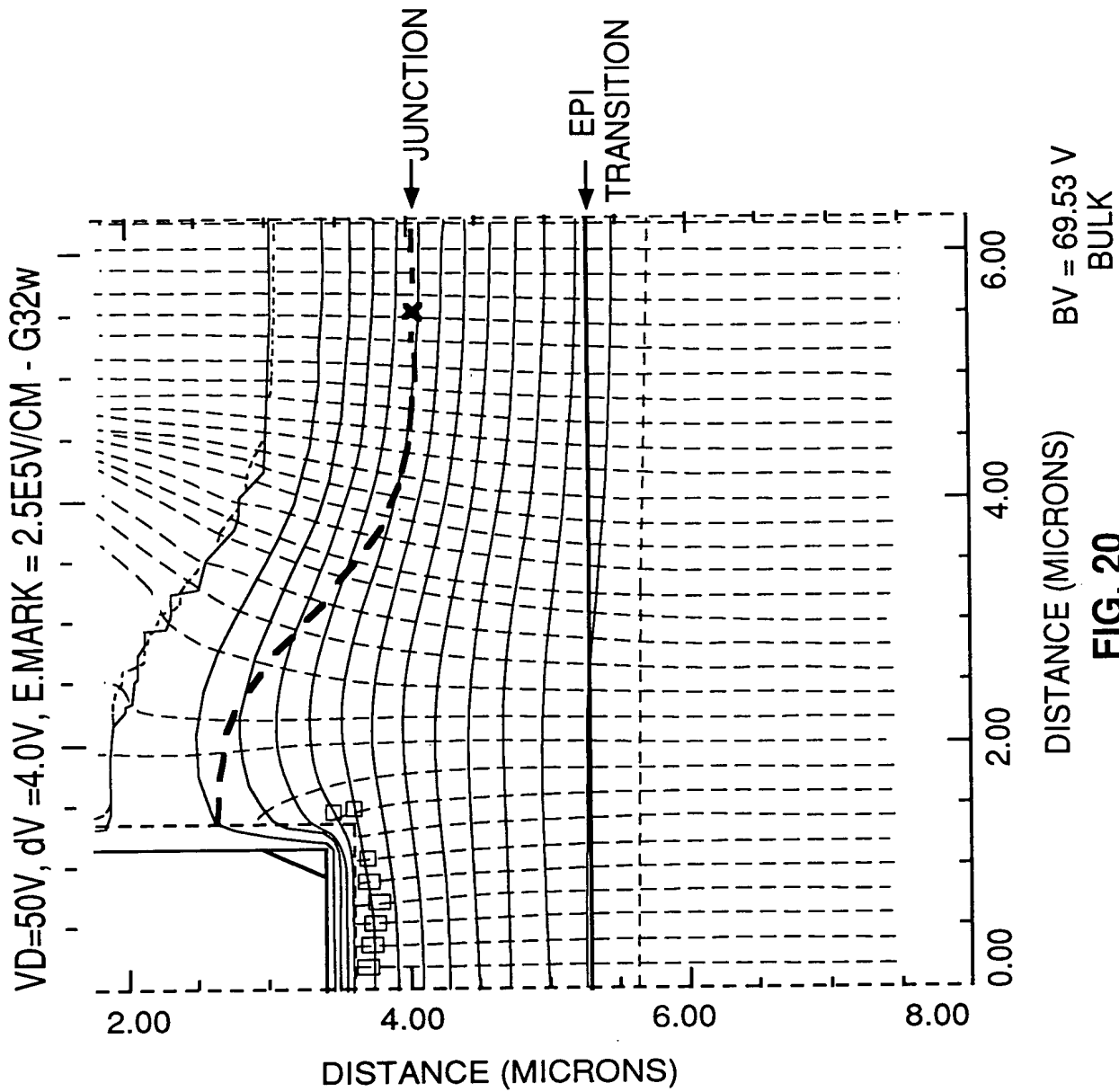


BV = 52.67 V
SURFACE

FIG. 17







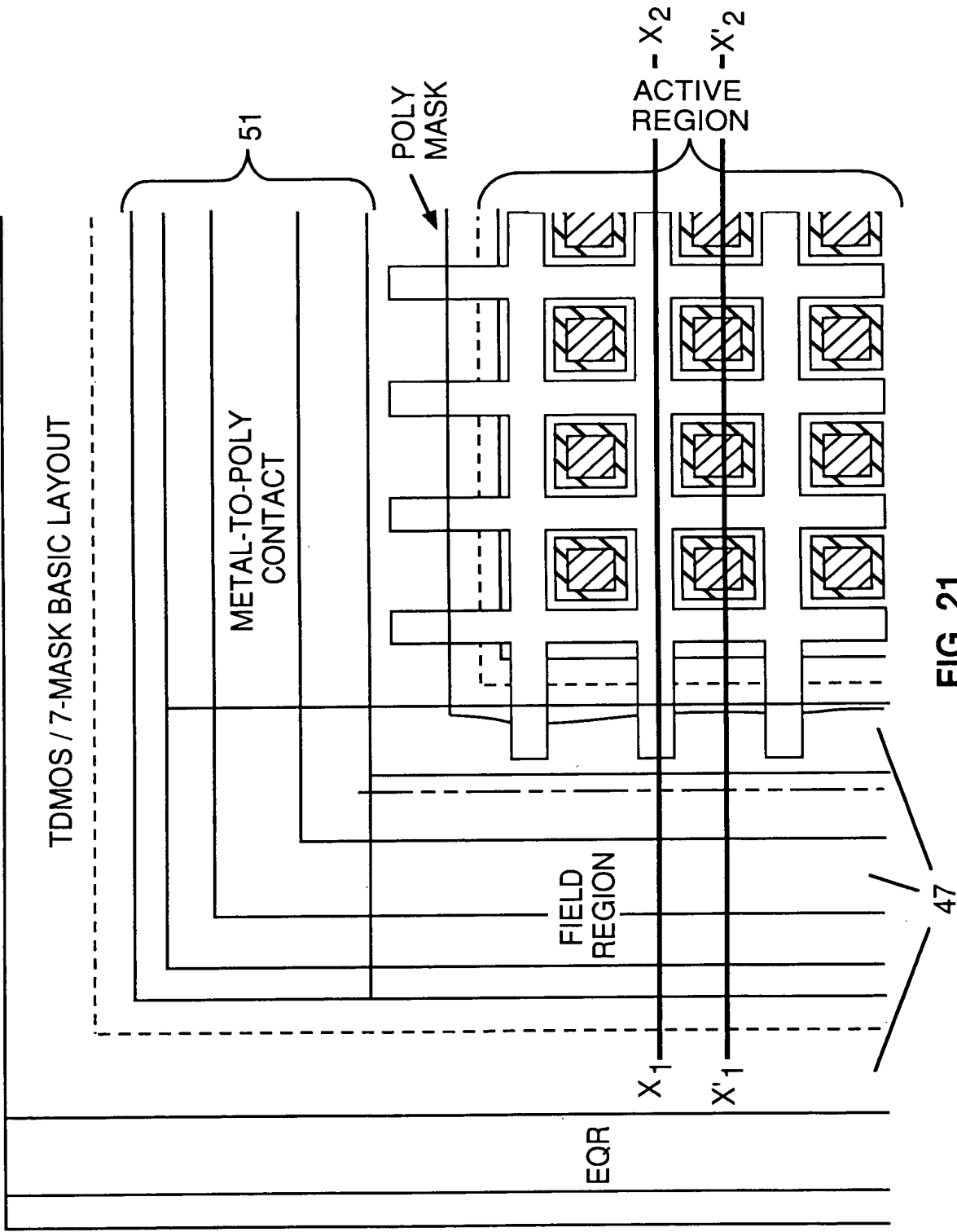


FIG. 21

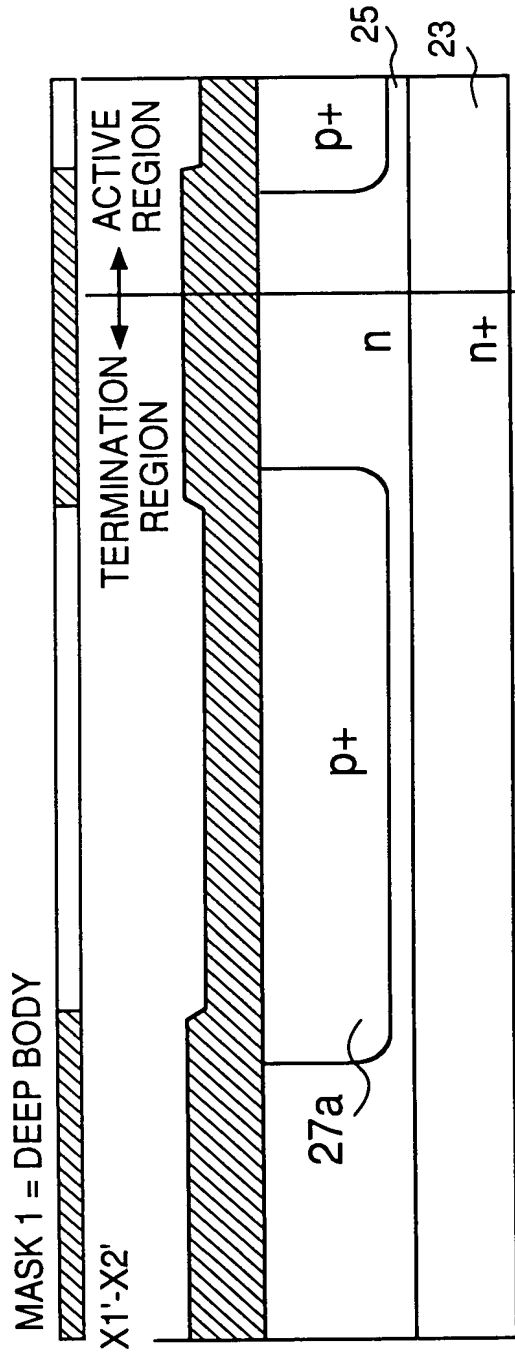


FIG. 22A

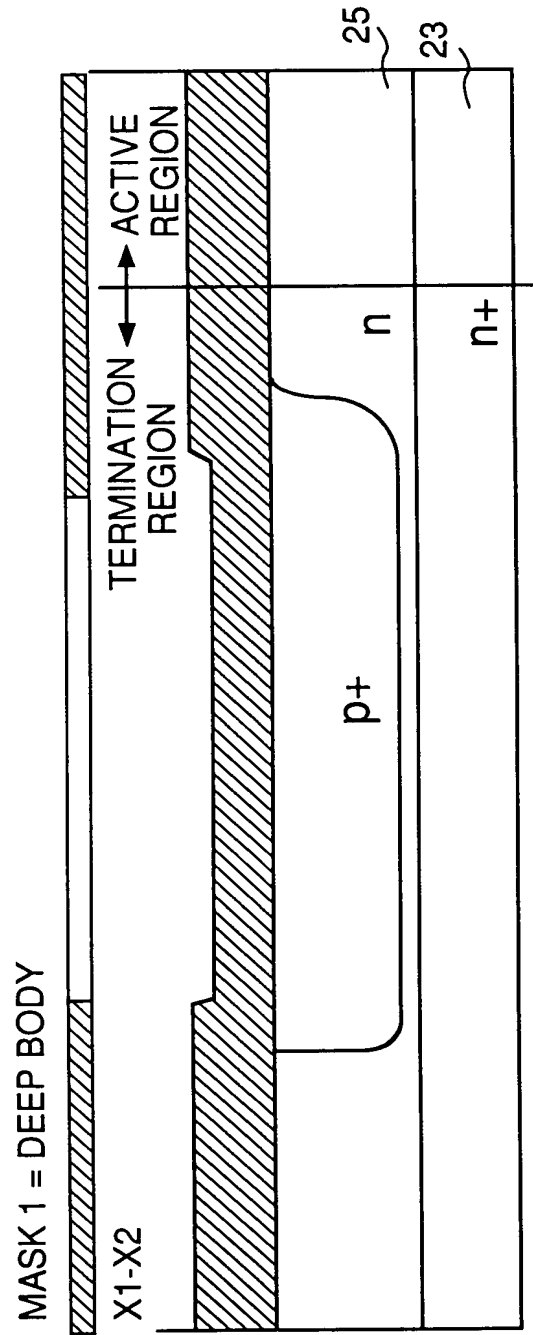


FIG. 22B

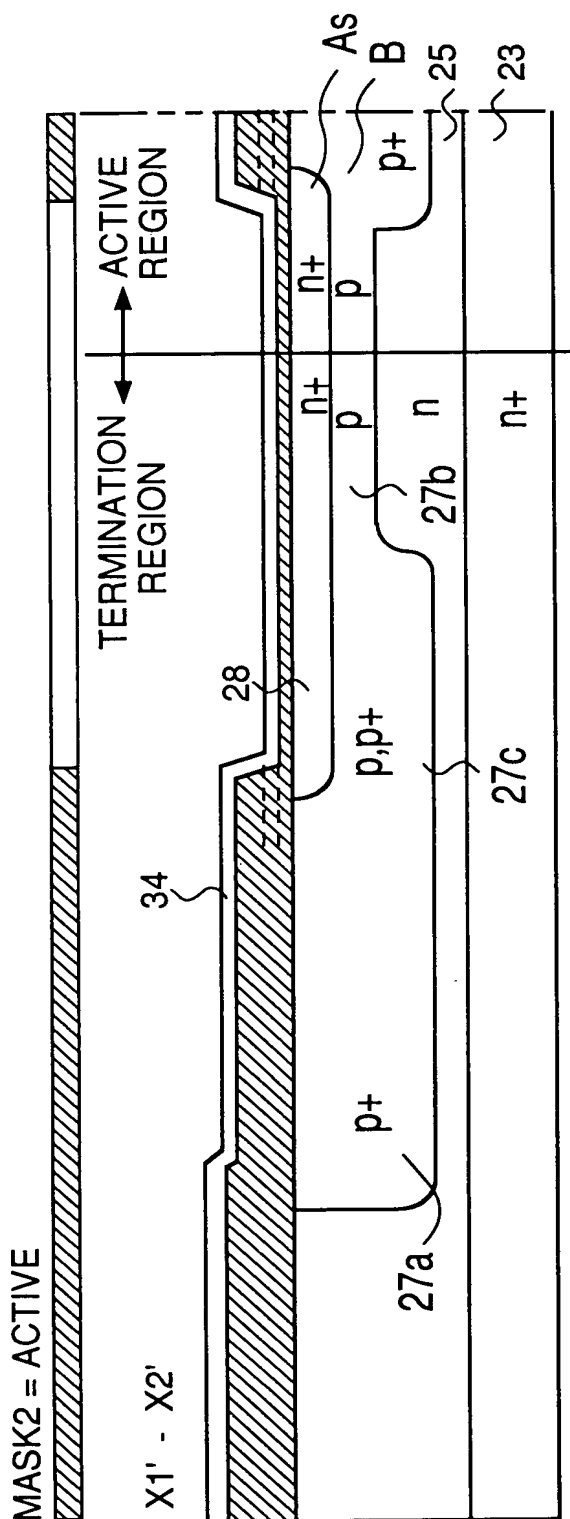


FIG. 23A

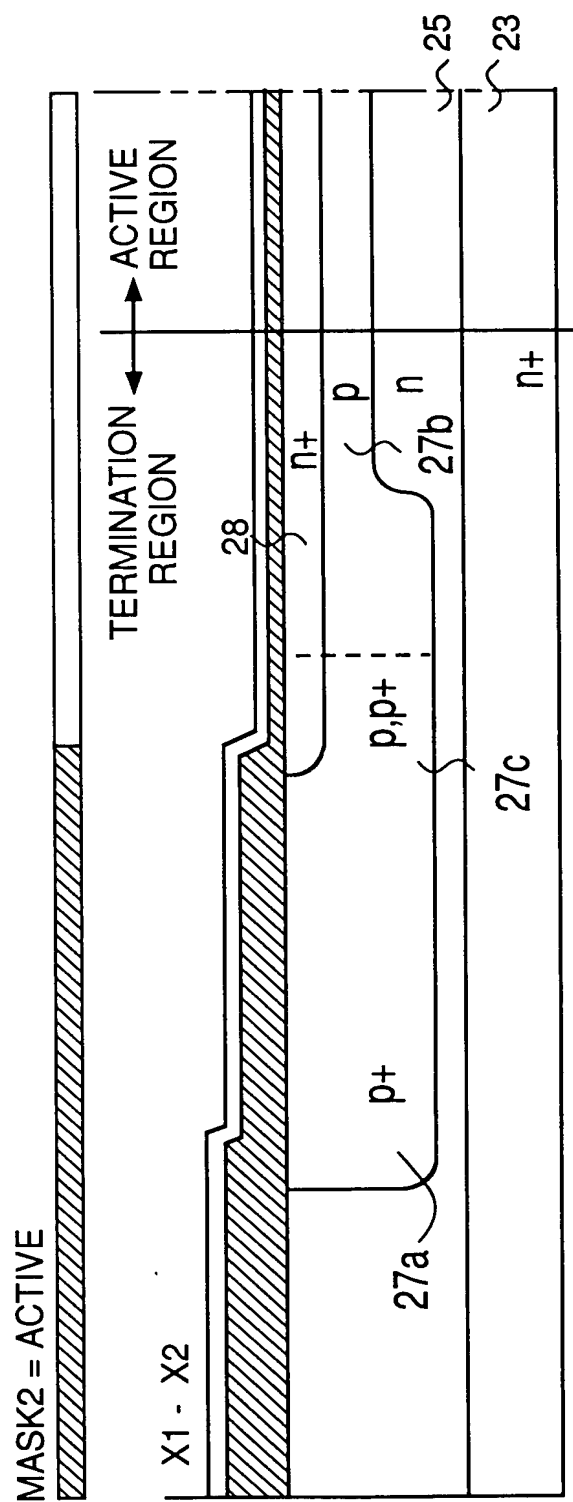


FIG. 23B

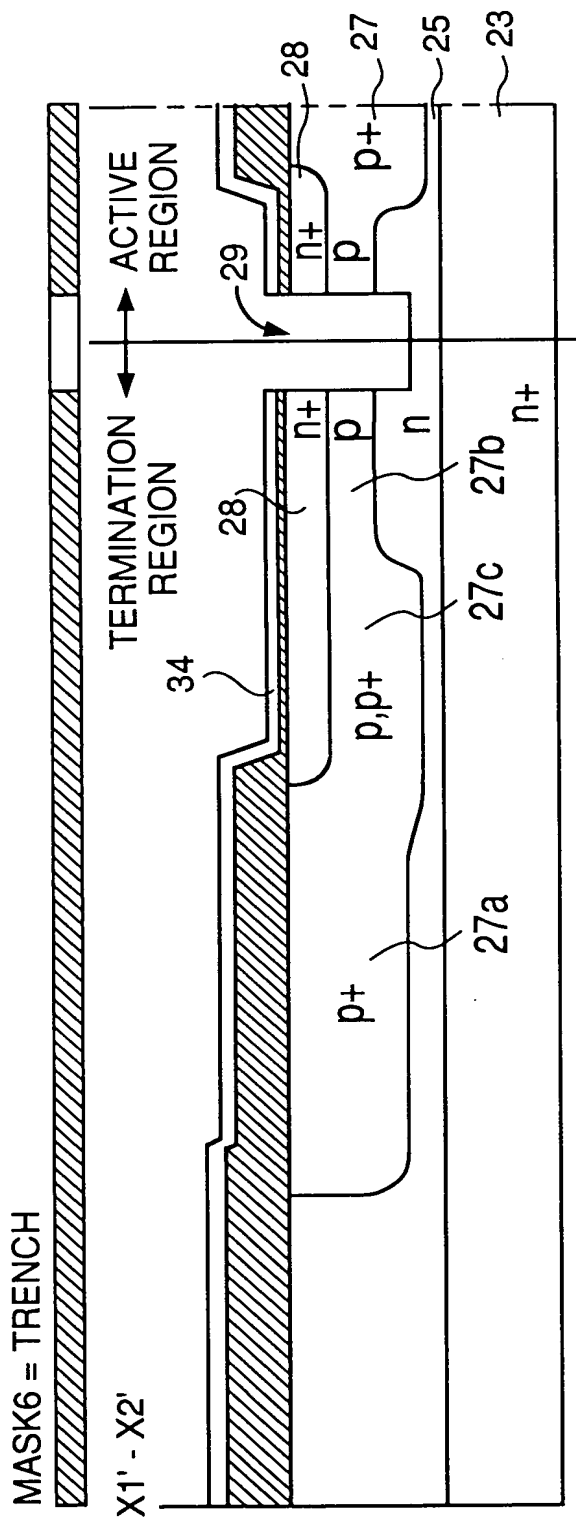


FIG. 24A

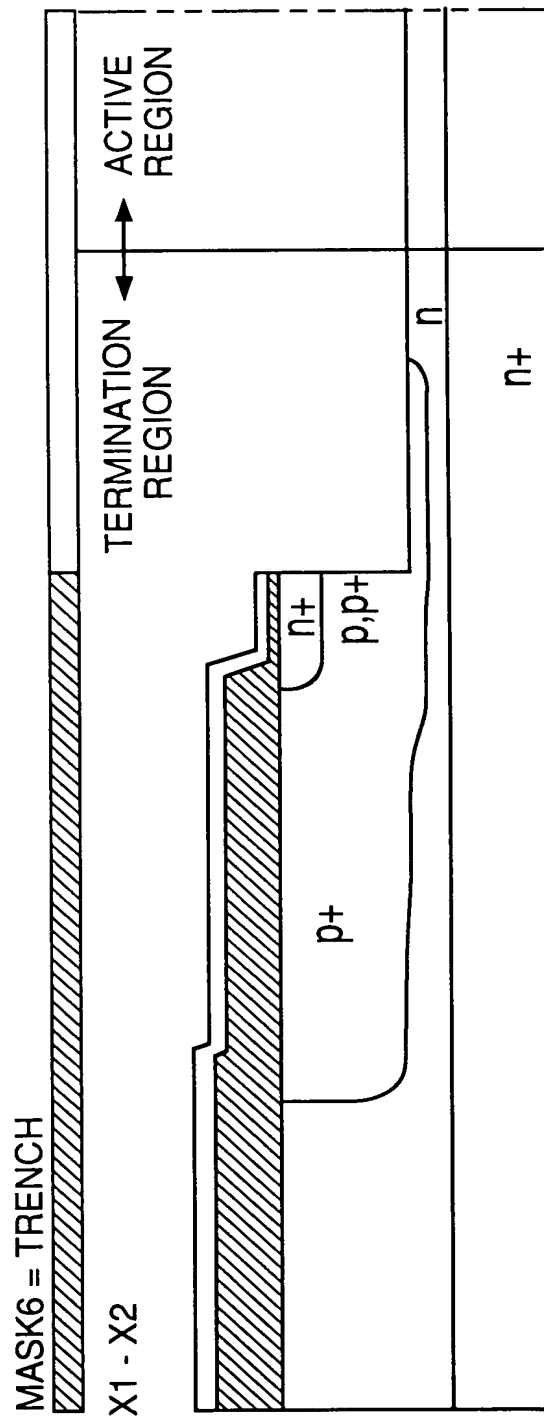


FIG. 24B

FIG. 25B

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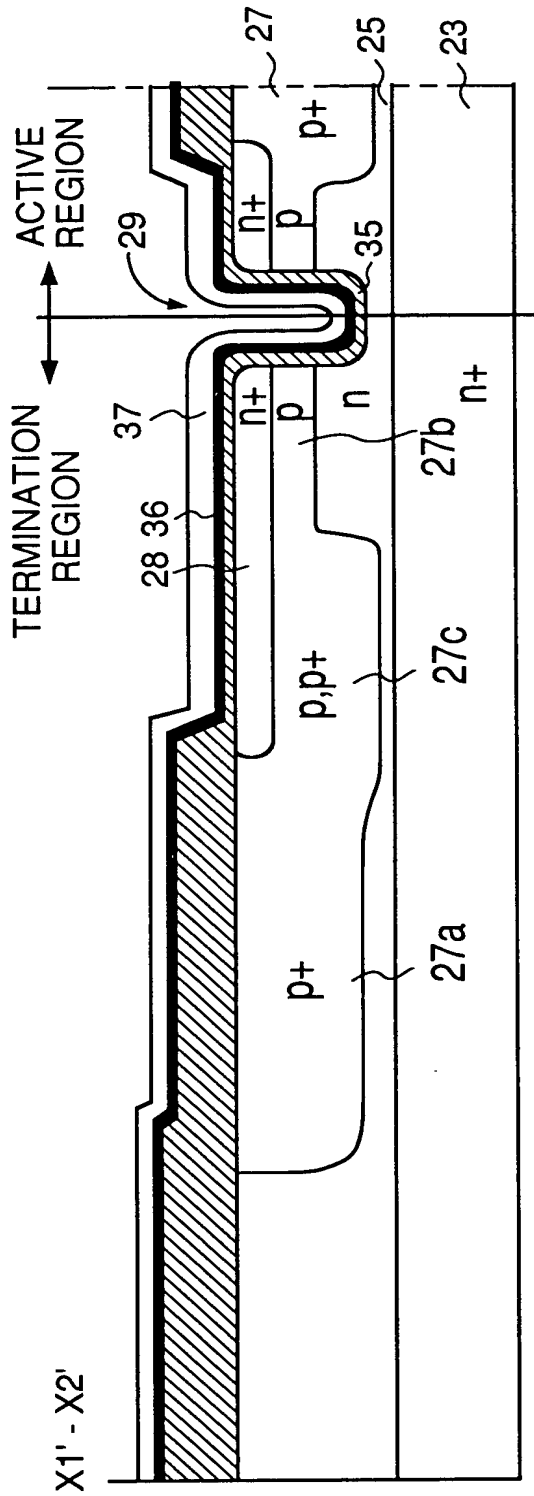


FIG. 26A

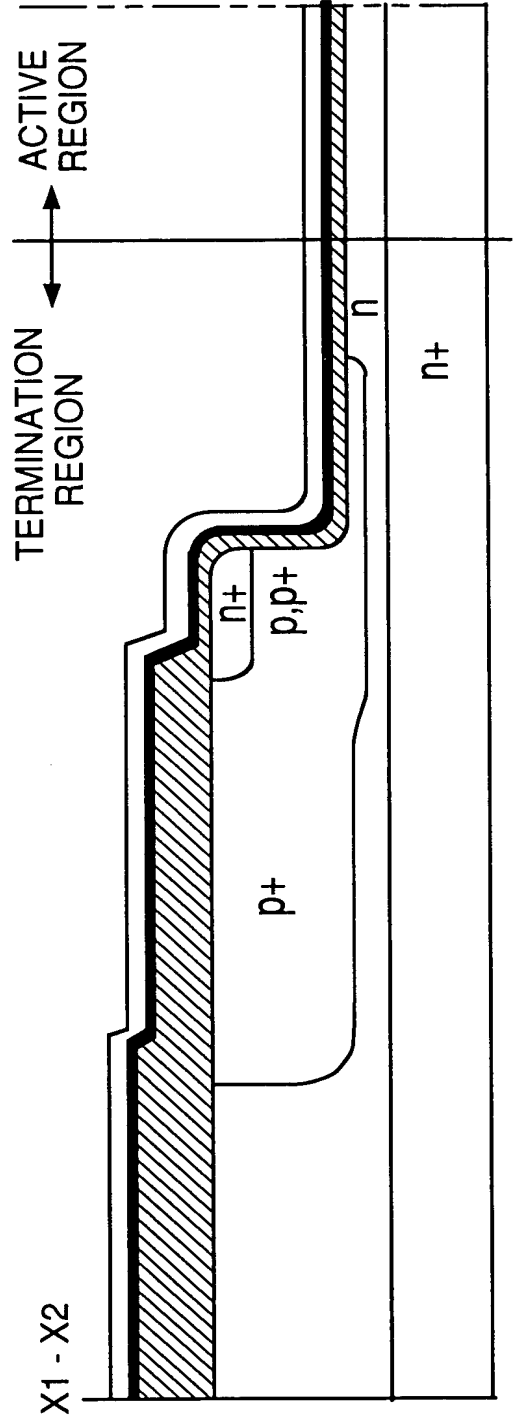


FIG. 26B

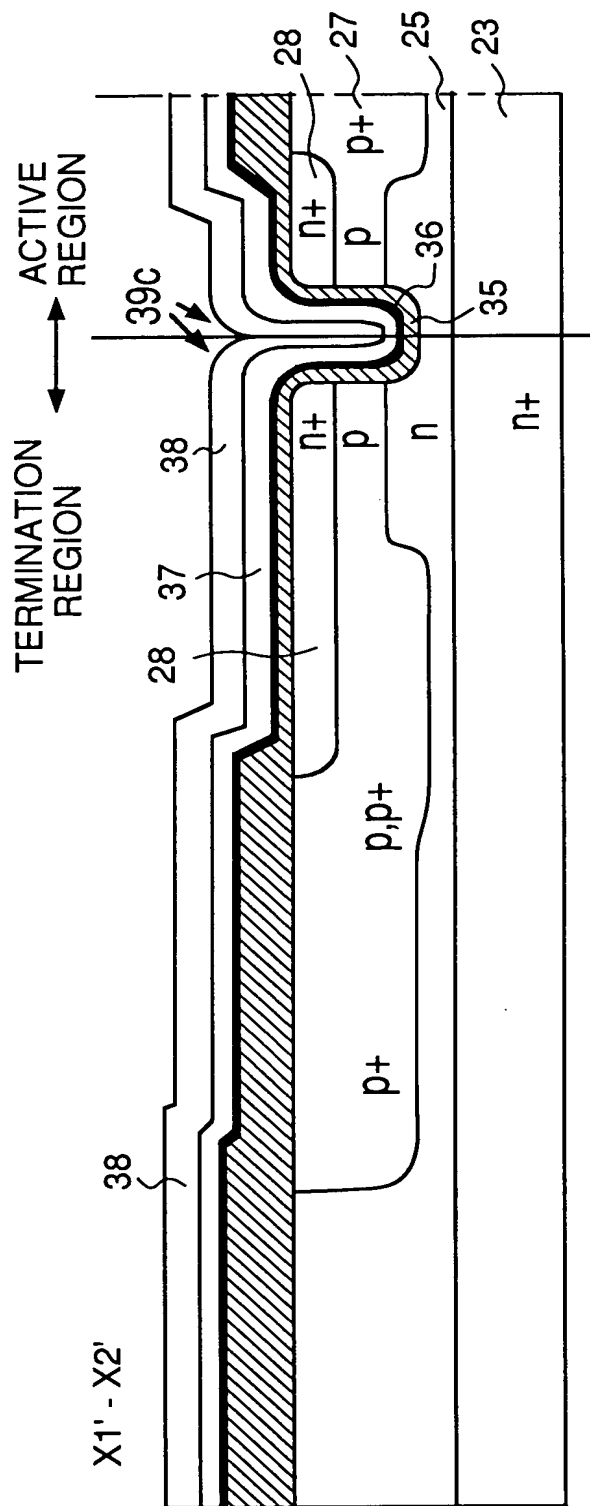


FIG. 27A

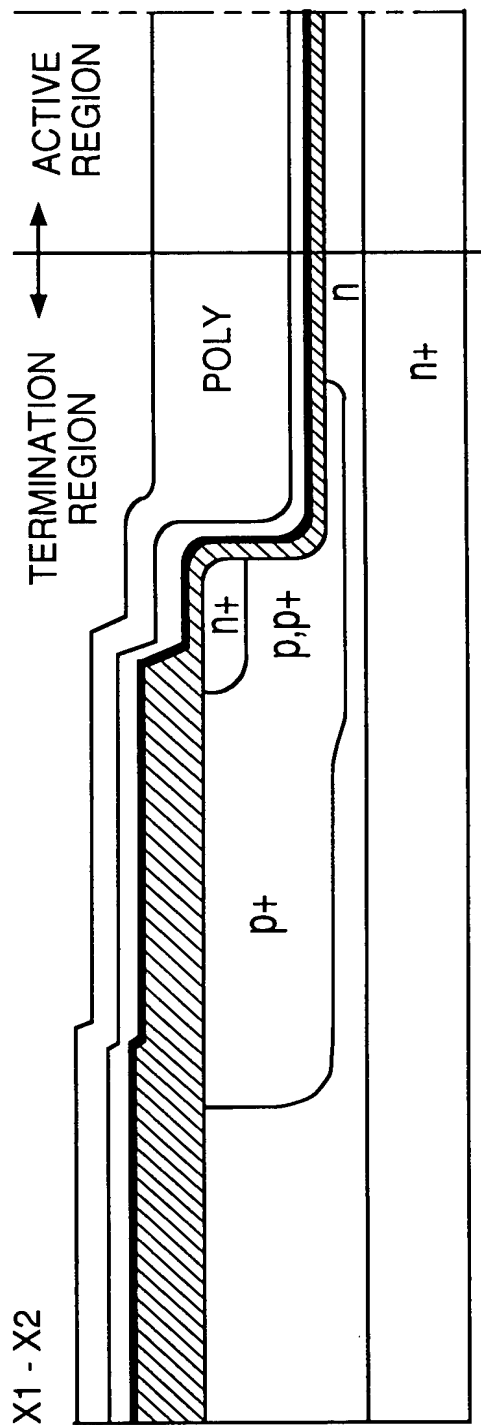


FIG. 27B

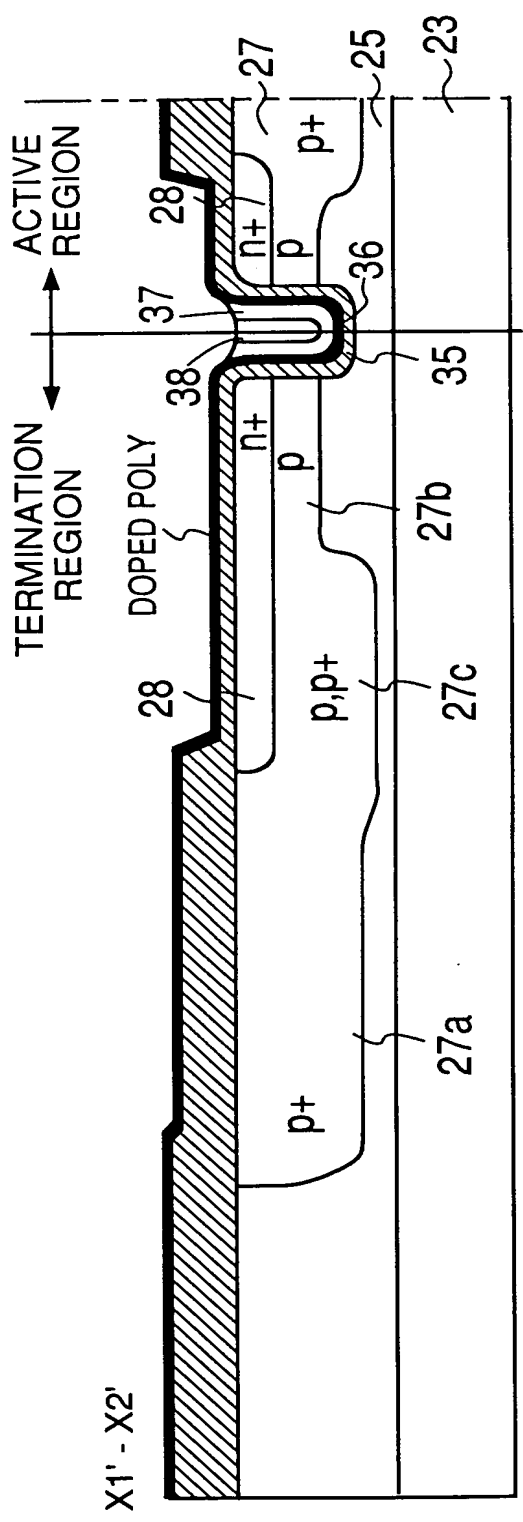


FIG. 28A

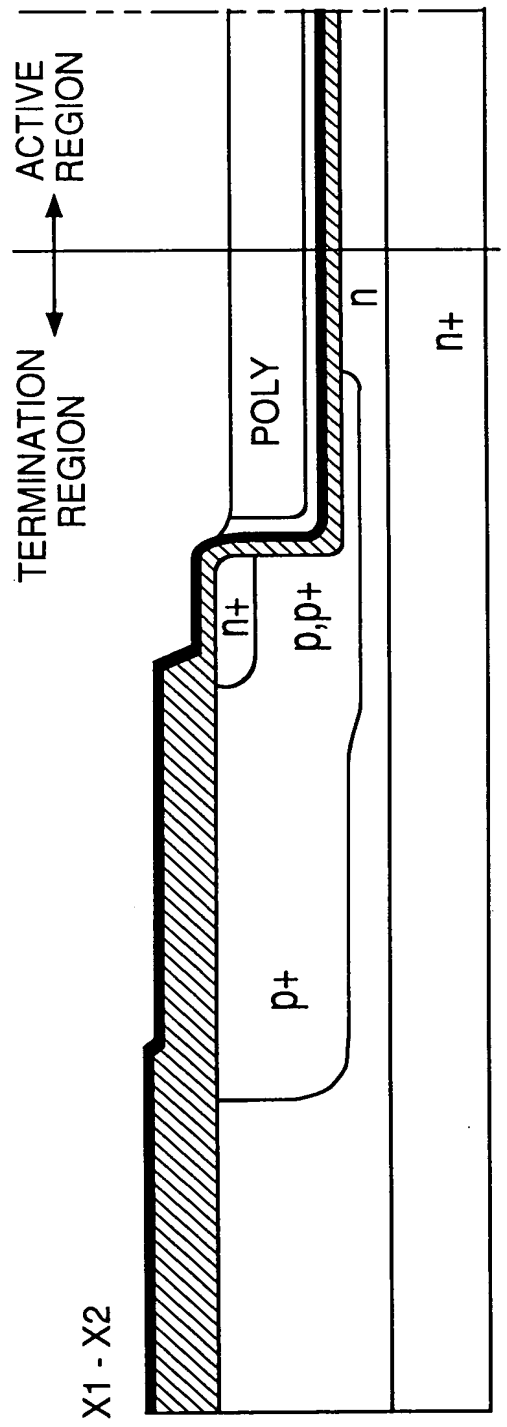


FIG. 28B

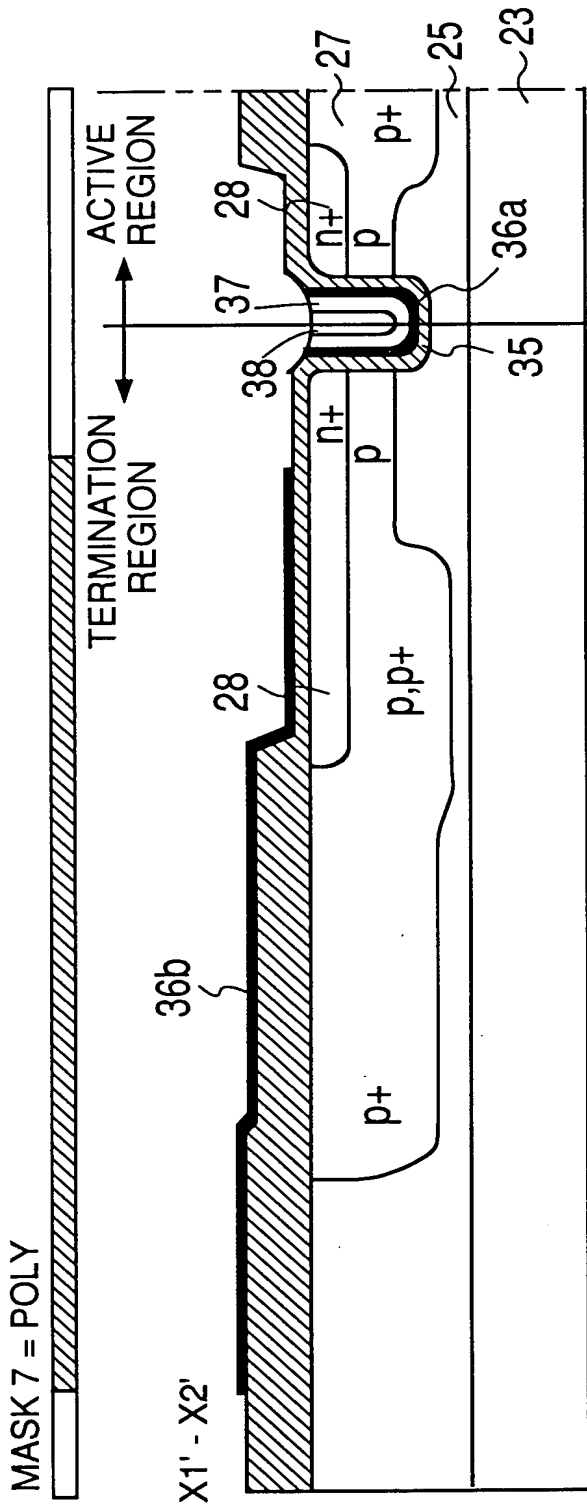


FIG. 29A

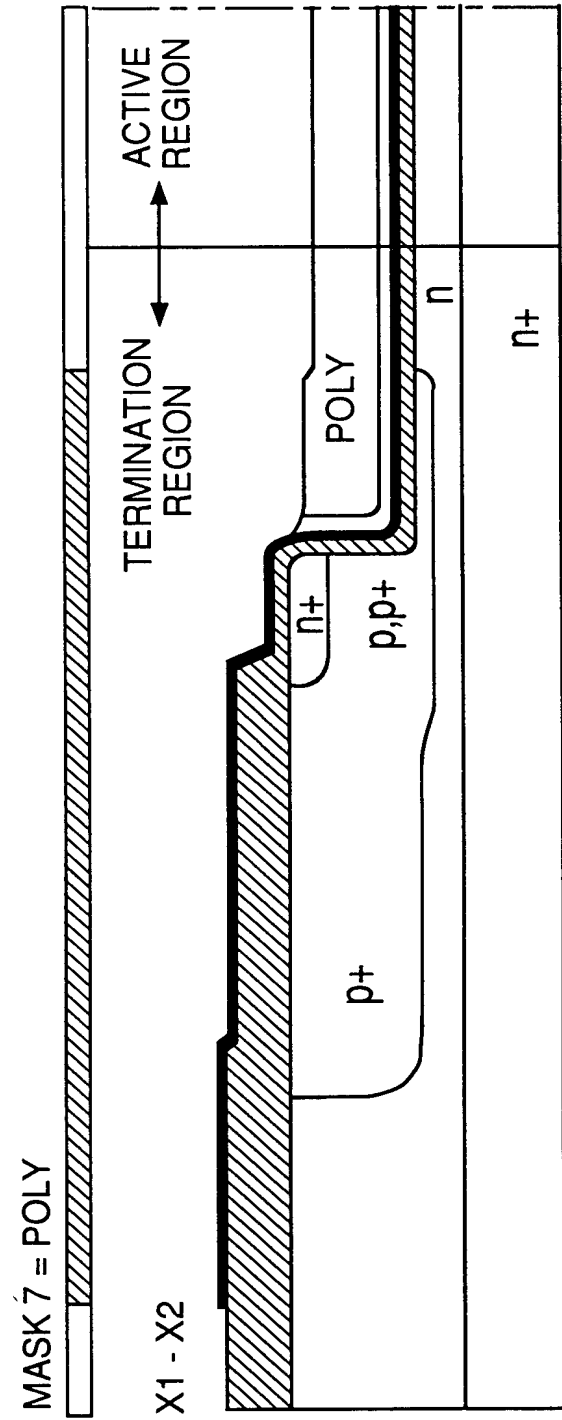


FIG. 29B

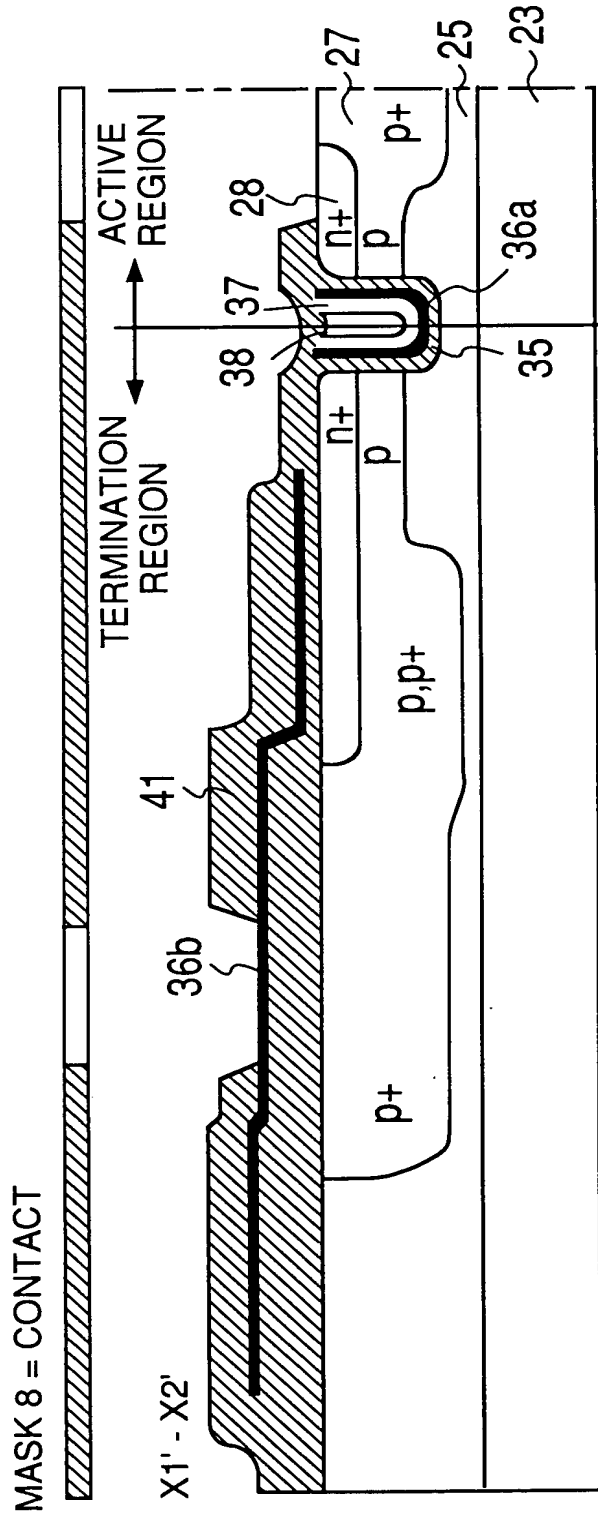


FIG. 30A

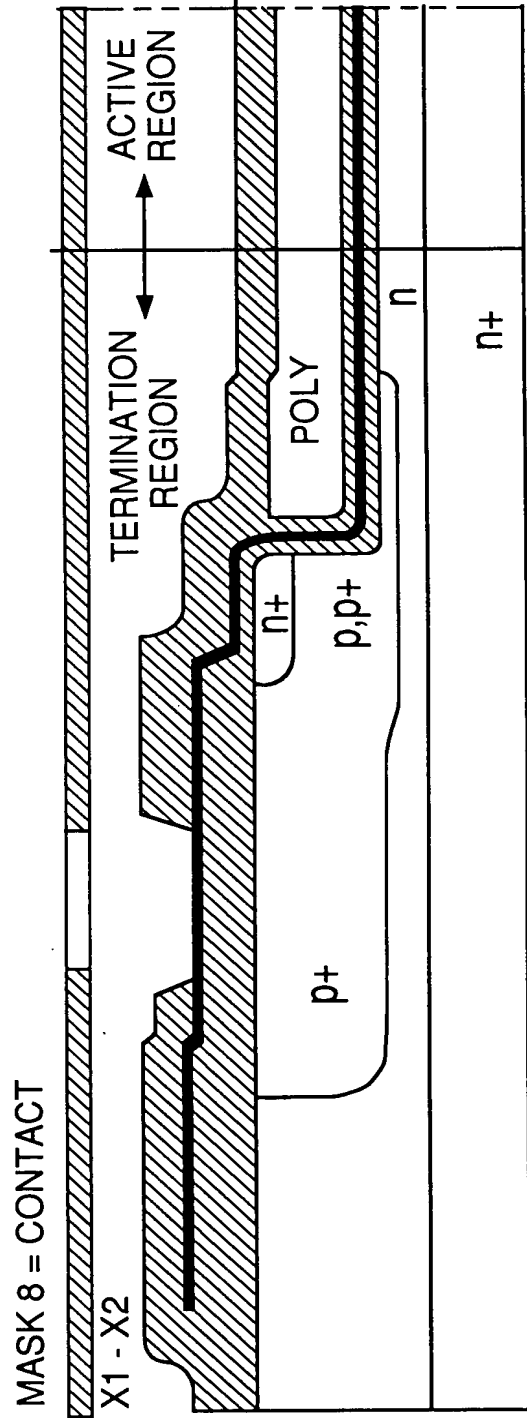


FIG. 30B

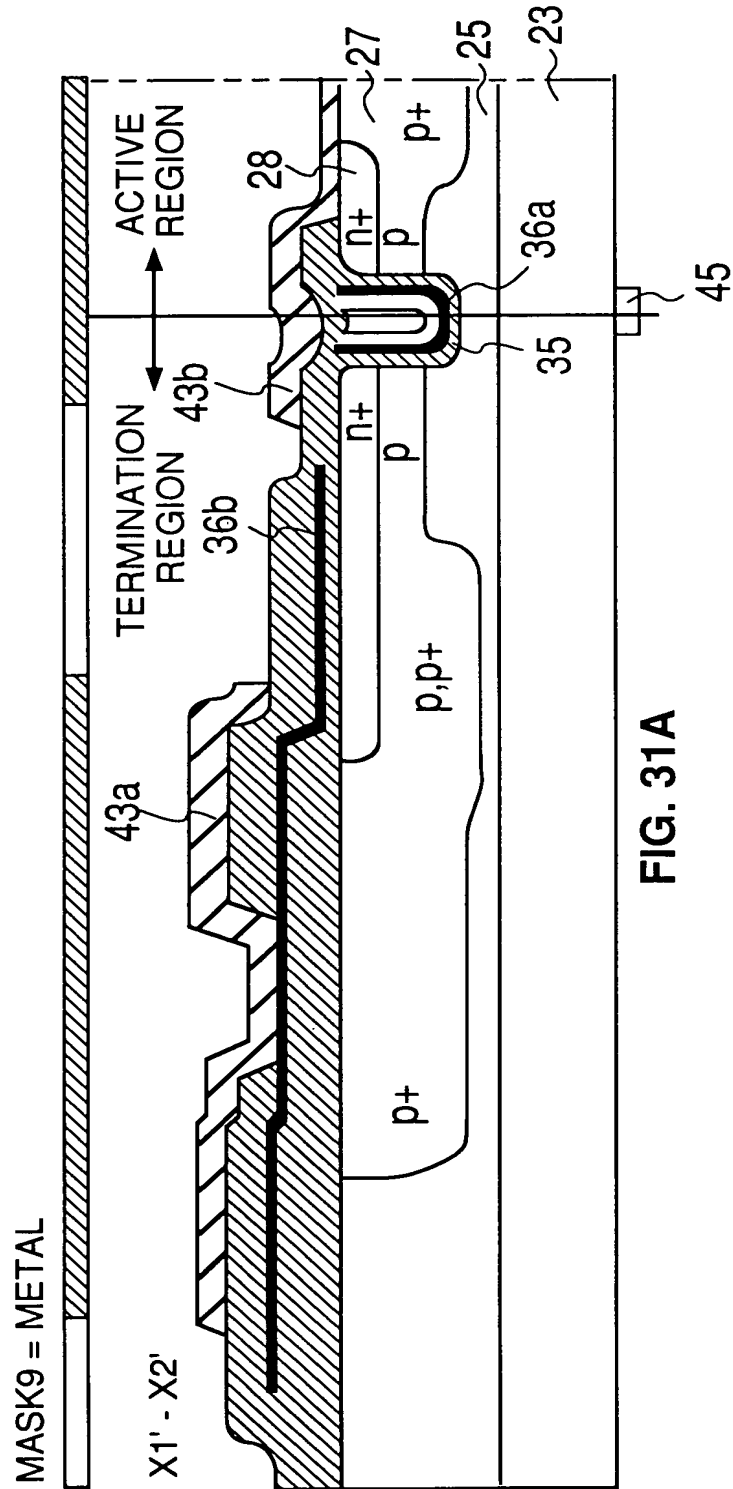


FIG. 31A

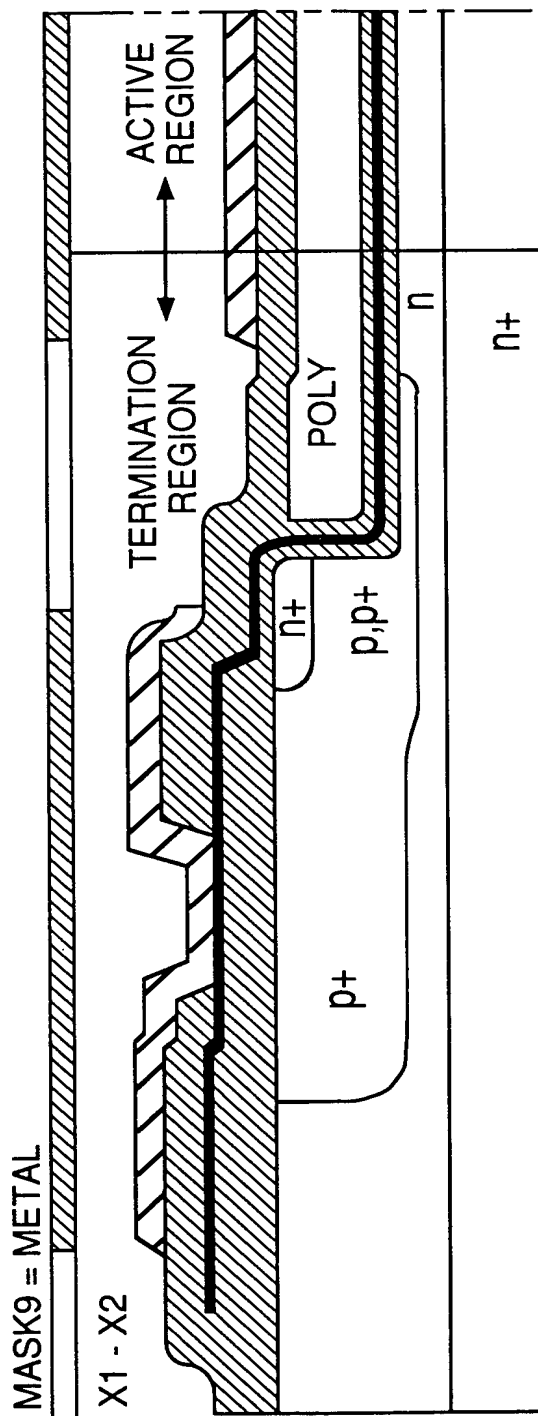


FIG. 31B

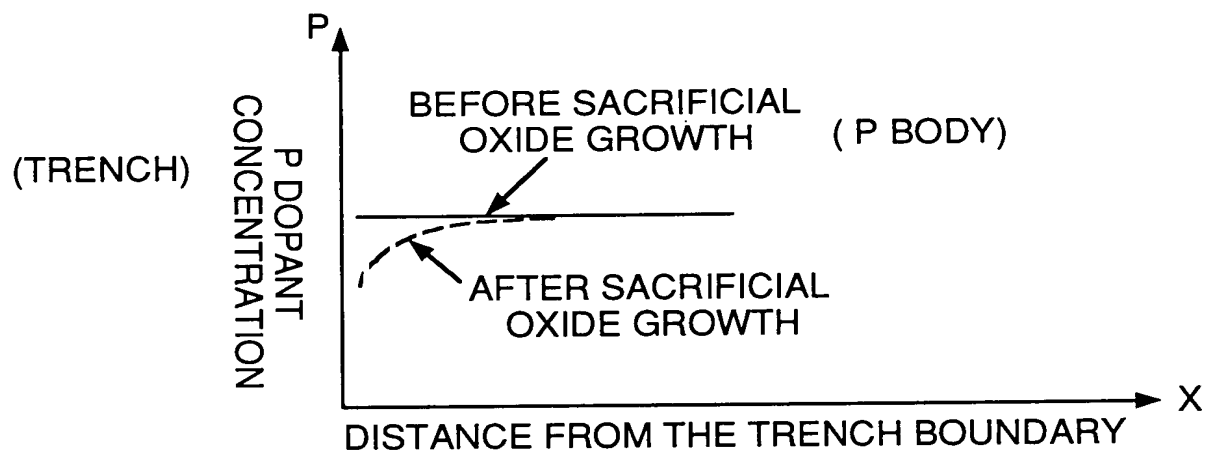


FIG. 32

DEVICE, RDSON SIMULATION - G32

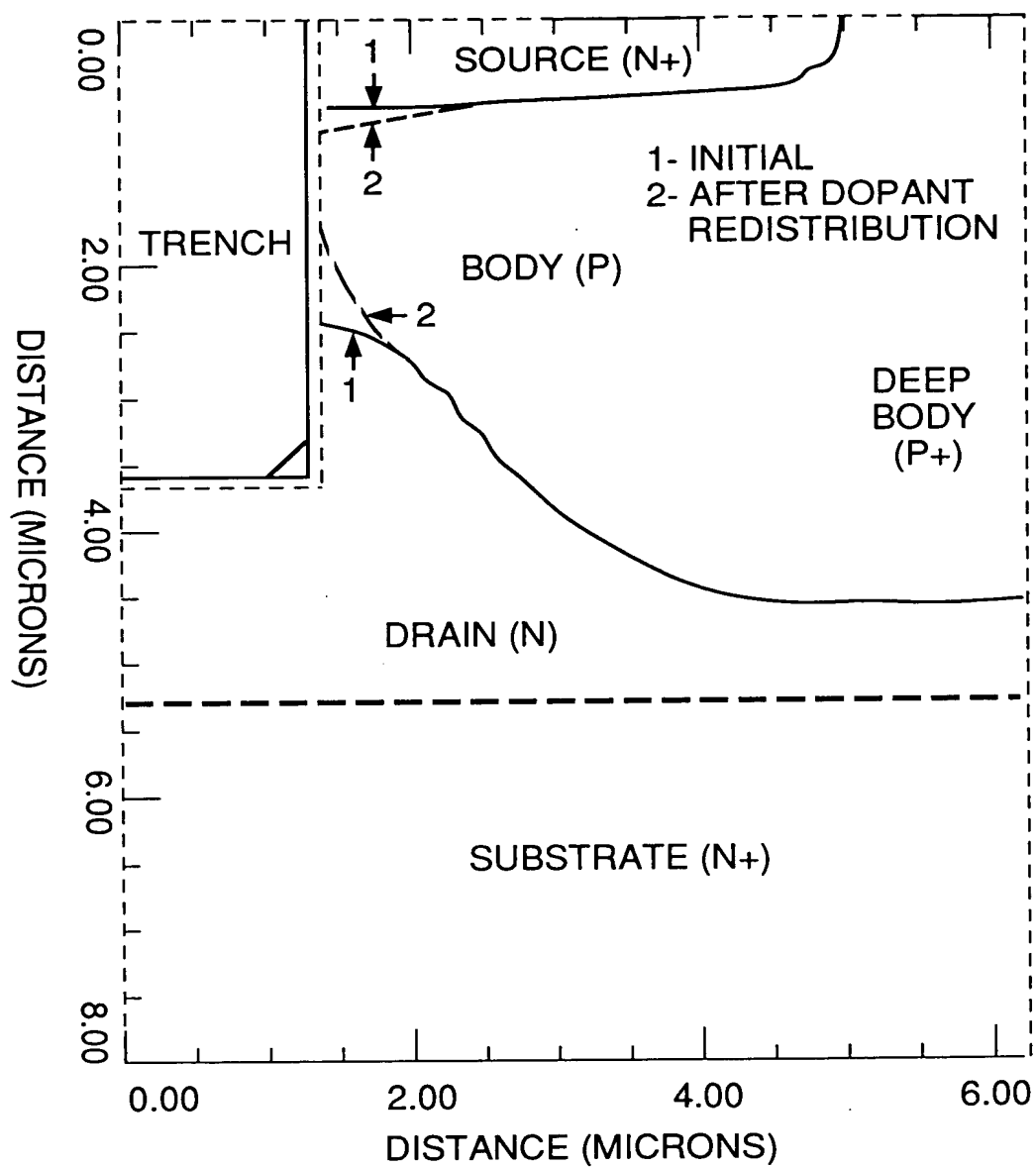


FIG. 33